

**avila**



**1976/77**



Digitized by the Internet Archive  
in 2016

<https://archive.org/details/avilacollegecouravil>







# CORRESPONDENCE

Mailing address:

Avila College  
11901 Wornall Road  
Kansas City, Missouri 64145

Visitors are welcome on the campus. Administrative offices are open Monday through Friday from 8 a.m. to 4:45 p.m. and on Saturdays from 8:30 a.m. to 12 noon. It is advisable that appointments be made in advance.

The college telephone number is (816) 942-8400.

The college theatre box office telephone number is (816) 942-8408.

## Accreditation

- North Central Association of Colleges and Secondary Schools
- Missouri State Department of Public Instruction
- Missouri State Board of Nursing
- National League for Nursing
- Council on Social Work Education

## Membership

- Association of American Colleges
- American Council on Education
- American Association of Colleges for Teacher Education
- American Association of Collegiate Registrars and Admissions Officers
- College Entrance Examination Board
- Mid-America College Art Association
- National Association of Independent Colleges and Universities
- Independent Colleges and Universities of Missouri
- Missouri Colleges Fund Committee
- National Association of Student Personnel Administrators
- Association of College and University Housing Officers
- National Entertainment Conference
- Alliance Française de Kansas City
- American Association of Colleges of Nursing
- American Theater Association
- Association of College Unions — International
- Association Montessori International
- National Council of Teachers of Mathematics



# CALENDAR 1976-1977

## FIRST SEMESTER, 1976

**August 24, 25**

\*Evening Registration for part-time students

**August 26**

Resident Students arrive. Residence Halls open 10:00 a.m.

**August 27**

\*Registration for full-time students and part-time students who could not register on August 24 or 25

**August 26-29**

All-campus Orientation

**August 30**

Classes begin

**September 3**

Mass of the Holy Spirit

**September 6**

Labor Day (no classes)

**October 15-17**

Avila Day and Mid-semester Break (no classes)

**October 18**

Classes resume

**November 9**

Pre-registration for second semester

(no day classes; evening classes will meet)

**November 13**

Thanksgiving recess begins after last class

**November 24**

Residence Halls close 10:00 a.m.

**November 28**

Residence Halls open 10:00 a.m.

**November 29**

Classes resume

**December 13**

\*Registration for second semester for full-time students and for part-time students who cannot register on January 10 or 11.

Last day for filing applications for senior comprehensives and degrees to be conferred in May, 1977, including those graduating in August, who wish to participate in the May ceremony.

**December 13-18**

Final Week Sessions

**December 18**

Christmas recess begins after last session

End of first semester

Residence Halls close 12 noon

## SECOND SEMESTER, 1977

**January 10 and 11**

Evening Registration for part-time students, transfer students, and for full-time students who could not register on December 13.

**January 12**

Resident Students arrive

**January 13**

Classes begin

**February 26**

Spring and Mid-semester Break begins after last class

Residence Halls close 10:00 a.m.

**March 6**

Residence Halls open 10:00 a.m.

**March 7**

Classes resume

**March 23**

Pre-registration for first semester, 1977-78

(no day classes; evening classes will meet)

Senior comprehensive examinations

**April 6**

Easter Recess begins after last class

**April 7**

Residence Halls close 10:00 a.m.

**April 11**

Residence Halls open 10:00 a.m.

**April 12**

Classes resume

**April 30-May 6**

Final Week Sessions

**May 6**

End of second semester after last session

**May 6-7**

Commencement Weekend

**May 8**

Residence Halls close 10:00 a.m.

## SUMMER SESSION, 1977

**June 9**

\*Evening Registration for summer session

**June 10**

Residence Halls open

\*Day Registration for summer session

**June 13**

Summer classes begin

**August 5**

End of summer session after last class

Residence Halls close

**Note:** Alphabetical registration times will be published on the class schedule for each session.

# THE COLLEGE



## HISTORY OF AVILA COLLEGE

Avila College was founded by the Sisters of St. Joseph of Carondelet who participate in the social mission of the Church by ministering to the needs of society through education.

The college was chartered in 1916, the first private college for women in Kansas City. Known then as the College of St. Teresa, it offered a two-year liberal arts program leading to an Associate of Arts degree. In 1940 it became a four-year college. In 1946 it was accredited by the North Central Association as a four-year college and has maintained accreditation since that time.

The rapid growth of the college suggested an expansion of buildings and curriculum. In 1963 the college moved to a new suburban campus, under the new name of Avila (in honor of Teresa of Avila), at 119th and Wornall Road. When the first two buildings were completed classes began at the new location. In 1969 the college became coeducational and began accepting men as full-time students. Today seven buildings make up the campus: the academic building, administration building, student center, faculty residence and chapel, theatre/nurse education complex and two residence halls.

## PHILOSOPHY

Avila College, sponsored by the Sisters of St. Joseph of Carondelet, is an academic community dedicated to the liberal arts and responsive to the needs of professional areas.

Avila is a Catholic college that seeks to provide for the intellectual, spiritual and social growth of all its members. The college community includes men and women of many faiths and welcomes a diversity of religious convictions.

The administration, faculty and staff work together with students to create an environment wherein the quality of Christian hope permeates and enlivens an objective search for truth.

The Avila student is thus enabled and encouraged to develop a set of values that will allow him to grow in freedom and responsibility as he relates to contemporary social and moral issues.

As a community of individuals, Avila provides an atmosphere of faith and support in which each person may gain insight into himself, his relationship with God and his place in service to the world community.



## **CAMPUS MINISTRY**

Campus Ministry has a number of distinct but related goals. These include (1) promoting theological study and reflection of man's religious nature through the Religious Studies/Philosophy Department; (2) sustaining a Christian community on campus through Bible studies, prayer groups, worship services, films, speakers, and discussions; (3) integrating its ministry with the other departments, the local community, and the diocese, helping the campus community to serve both its members and those of the larger community. The Celebration of the Eucharist is scheduled at noon several days during the week, as well as on weekends, and this liturgy is often prepared by the students of special groups and departments. A full-time chaplain is on campus to counsel and advise students as well as to assist with the programs of the Campus Ministry.

## **COUNSELING AND RELATED SERVICES CENTER**

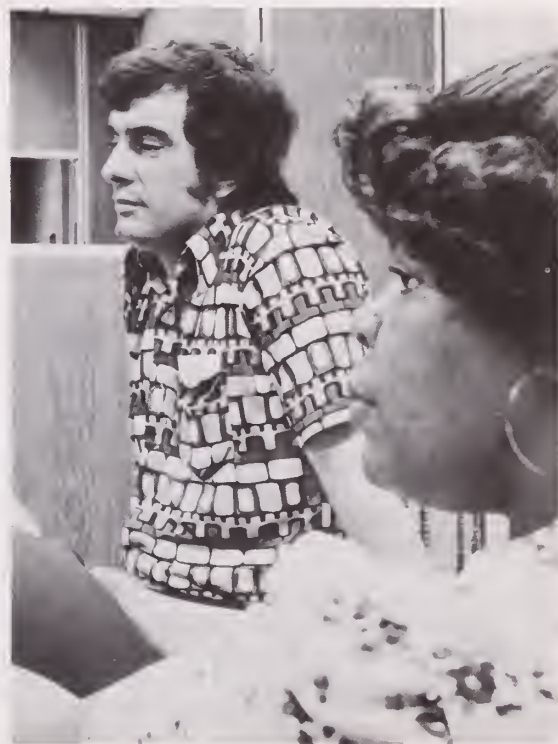
The Counseling and Related Services Center is dedicated to providing growth-enhancing experiences in the intellectual, affective, psychological and social areas of life for all members of the college community. These experiences are provided through therapeutic, preventive, and educational-developmental services. Numerous programs are utilized in providing these services. These include Direct Service Programs, Career Development and Placement, and Learning Resources. Direct Services include individual and group counseling for educational, personal, and vocational concerns (e.g., problems with study skills and habits, conflicts with family or friends, feeling lack of self-esteem, selection of a major field of study). Aptitude, interest, and personality tests are used by the counselors to further assist the student in resolving concerns brought to the individual or group session.

Career Development and Placement offer many services that are designed to enrich the student's educational experience, understanding and awareness of different career choices, and interest in the search for a meaningful career. These are provided by a course for three credit hours in career and life planning; company and career literature and catalogues of colleges, universities, and their respective graduate schools; listings of part-time, full-time, summer, and volunteer job positions for students; on-campus visits and interviews by employers who are recruiting students for employment; instructional materials and workshops on such relevant skills as résumé-

writing, job-hunting techniques, and interview techniques.

Learning Resources are available to Avila students, providing compensatory and developmental programs which improve basic skill areas (e.g., mathematics, writing, reading, vocabulary, spelling, study skills) and enhance learning skills. Services include: the Learning Resource Center, which offers students individually designed programs to improve basic skill areas; diagnostic testing, which is used as an aid in determining the needs of the students, and study skills workshops, which are designed to provide students with learning skills necessary for academic success.

Students are invited to come to the Center on their own initiative as well as on a basis of referral by faculty and staff members. Students may make appointments either in person or by telephoning the Counseling and Related Services Center. Faculty and staff members wishing to facilitate a referral may use a form provided by the Center or may telephone the counselors directly.



## STUDENT HEALTH SERVICE

Health Services are made available to all Avila students through the Student Health Service, which is located in the lower level of Carondelet Hall. It is equipped to provide students with health care for minor illnesses and emergency situations. There is a nurse on duty Monday through Friday (daily hours vary) and when not on campus, she can be reached by telephone.

Every student under the age of 21 is requested to comply with Missouri State Laws by furnishing the Health Center with a signed and notarized "Permission for Treatment" form. This enables the School Nurse and/or physicians to administer immediate medical treatment to a student in case of an emergency or serious illness, without first having to locate the student's parents, legal guardian, or spouse. It should be mentioned that in the event of an emergency or serious illness, the parent, legal guardian, or spouse will be notified immediately by the school.

All resident students will be asked to complete a medical history and information form. This form will be kept confidential and on file in the Health Center. The Health Director may, based on any one particular student's medical history, request more detailed information from his or her physician.

In the best interest of the students, the College advises that all students be covered by medical insurance. Although the College does not provide any medical insurance coverage, information will be available regarding individual student plans. All students are responsible for any medical expenses incurred. The College will not assume responsibility for personal medical expenses.

## STUDENT ACTIVITIES

Participation in organizations and co-curricular activities is available to every student. There is much value in the social learning derived from this kind of involvement. Also, most of the recognized functions of student oriented organizations relate to curriculum and classroom experiences. Each student at Avila is expected to exercise his own judgment in his pursuit of activities outside the classroom.

All inquiries about student activities and organizations should be directed to the Director of Student Life Activities.



## STUDENT HOUSING

Avila College recognizes that experience in daily living may have as profound an influence on individual growth and development as does classroom instruction. Because of this, definite programs have been established within the college residence halls to integrate living experience with the total college educational program.

Our college residence hall program extends beyond the basic necessities for sleeping and eating. It is designed to assist students to grow in the art and science of human relations and to learn to live and work together. Opportunities are provided to allow students to participate democratically in self-government, to attain social competence, to explore fields of group interest, and to achieve a sense of belonging through constructive participation.

## VETERANS' BENEFITS

There are many benefits available to veterans or other eligible students who are attending Avila College. Among the services offered are the determination of eligibility of students for educational assistance, personal counseling,





and career development and placement. Students who have questions about matters pertaining to veteran affairs are encouraged to contact the Veterans' Coordinator.

### **ATHLETIC PROGRAM**

Avila's emphasis on the educational development of the total person encompasses the belief that co-curricular life in the form of outside class activities is an important facet of the student's growth. A program of athletics, as part of the out-of-class experience, provides students with a variety of opportunities for skill building and value formation, which can be directly applied to real-life situations. It is for these reasons that Avila sponsors varsity competition in women's volleyball, basketball, and tennis, as well as men's basketball and tennis.

To provide for the physical activities of students not interested in intercollegiate athletics, Avila boasts a spirited, competitive intramural organization. Team sports include football, volleyball, basketball, and softball. Individual activities, such as tennis, ping-pong, croquet, chess, and billiards are also available.

### **HONOR SOCIETIES**

Delta Epsilon Sigma is a national scholastic honor society for students of Catholic colleges and universities. Students who have completed fifty percent of their undergraduate program with a 3.5 grade point average are eligible for membership.

Kappa Gamma Pi is a national honor society for alumnae of Catholic women's colleges. Students graduating with a 3.6 grade point average and manifesting a potential for leadership are eligible for membership.

Pi Delta Phi is a national honor society for French majors and minors.

Alpha Sigma Pi is an Avila College honor society for recipients of the Avila Medal.

Sigma Theta Tau, Beta Lambda Chapter, is a national honor society for nurses.

Psi Chi is the national honor society for students completing a major or minor in psychology.

### **AWARDS**

The Avila Medal is an honor conferred by the president. The award is made on qualifications of character, service, and loyalty.

The Ariston Award is an honor conferred by the students on the outstanding senior.

Who's Who Among Students in American Universities and Colleges is an award conferred upon those students who have shown outstanding merit and accomplishment.

### **ALUMNI ASSOCIATION**

Through the Avila College Alumni Association, men and women who have attended the college can maintain friendships and loyalties developed during their college years. Any student who has completed one year at Avila is considered an alumnus. Through the association, alumni promote the continued growth of the college and their own interest in higher education.

## **BUILDINGS**

Seven modern buildings surround the college quadrangle and provide facilities for Avila students:

### **O' Rielly Hall 1963**

Academic building with science laboratories and lecture hall, language laboratory, assembly hall, and classrooms.

### **Blasco Hall 1963**

Administrative offices and 58,000 volume library.

### **Carondelet Hall 1965**

Residence hall with twin-bed rooms for 121 students, lounge facilities, study areas, recreation rooms, and kitchenettes. The lower level contains the Hodes Education Center (1973) housing teacher preparation programs in Montessori, elementary and special education; faculty offices, and classrooms.

### **Marian Centre 1965**

Student center with cafeteria, snack bar, lounges, game room, student government offices and book store.

### **Foyle Hall 1967**

A faculty house with 34 private rooms and the Orscheln Memorial Chapel.

### **Ridgway Hall 1970**

Residence hall with twin-bed rooms for 121 students, lounge facilities, study areas, recreation rooms, and kitchenettes. The lower level contains art offices, ceramic, sculpture, painting, photography, art education, print-making studios, art history lecture room, **Avila Art Gallery** and outdoor sculpture garden.

### **Goppert Theatre 1974**

Theatre with thrust stage with a seating capacity of 500.

### **Borserine Centre 1974**

Academic buildings for students in nursing with offices, classrooms, lounges, and learning laboratory.

### **Permanent Library 19 —**

Projected library to house 75,000 volumes and the art gallery.

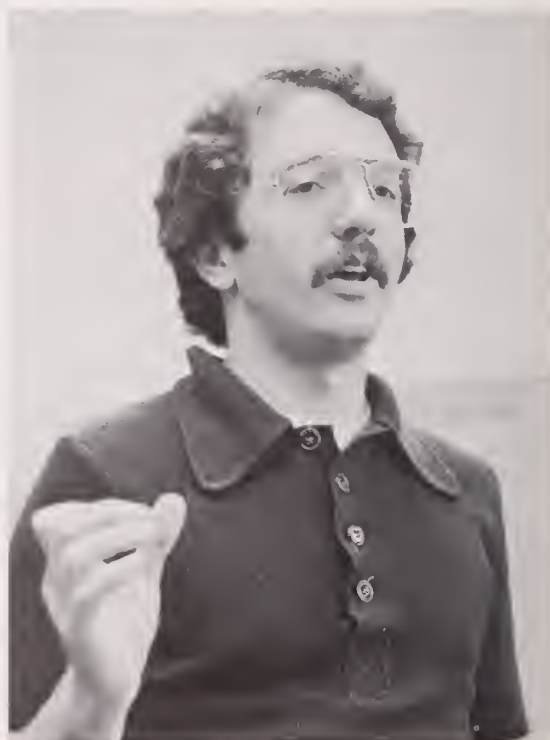
### **Learning Center 19 —**

A center for audio-visual instruction aids.









## **THE HARRY S. TRUMAN DISTINGUISHED LECTURE SERIES**

The Harry S. Truman Distinguished Lecture Series, initiated at Avila College in the Fall of 1971, brings to the campus national figures qualified to speak with authority and clarity on the major issues of our time. In keeping with the Truman direct approach, lecturers for the series are chosen for their clear thinking and concise delivery of facts and supporting data.

This permanent lecture series brings one distinguished speaker to Avila each year. Avila is pleased through this lecture series to give students a chance to hear authoritative men speak out clearly for that which they believe.

## **AN URBAN COLLEGE**

As an urban college, Avila offers to students Kansas City's many intellectual and cultural advantages. The student's learning experience can be widened by the use of research, science, and health study facilities in the city. By special arrangements with the college, students share in specific science research and study conducted by Midwest Research Institute. Science reference materials at one of the country's leading science libraries, Linda Hall Library, are available to students.

Students can attend the Kansas City Philharmonic Concerts, the Lyric Opera, the Ruth Seufert series (music, dance, drama), and the Jewish Community Center Poetry Readings and Repertory Theatre. The Nelson-Atkins Art Gallery and the Harry S. Truman Library offer celebrated collections of art and historical memorabilia. During the summer the Starlight Theatre and the Missouri Repertory Theatre attract many.

Opportunities abound for hearing world renowned lecturers; viewing films; participating in seminars and institutes; and working with inner city, suburban, racial, and ecumenical groups.









# ADMISSIONS AND EXPENSES

## ADMISSION PROCEDURES

The admission procedures and policies of Avila College are designed to assist in the selection of those students who can both profit from and contribute to the educational opportunities offered at Avila College.

Each application for admission is considered on an individual basis, with the student's high school record, test scores, previous college record, and individual references being of major importance.

All application materials, transcripts, letters of recommendation, etc. submitted for admission become the property of Avila College and will not be given to the student.

### I. Freshmen Applicants

The student's application for admission is processed as soon as the Office of Admissions receives all necessary materials. Freshmen applicants are urged to submit their application for admission soon after the completion of the junior year of high school. The materials listed below must be submitted to the Director of Admissions in order that the student's application can be processed:

1. Application for admission.
2. \$20 non-refundable application fee. (All applicants who are entering as first time freshmen and complete all of their application requirements before January 1, 1977 will not be required to pay this fee.)
3. Student reference form to be completed by the high school principal or guidance counselor.
4. High School transcripts. This may be sent at the completion of the junior year of high school. However, a final transcript is required at the completion of the senior year. An applicant must graduate from an accredited high school or preparatory school and complete 16 units, including English, social science, mathematics, and natural science. Graduates from non-accredited high schools will be considered on an individual basis.
5. An official report of scores from the American College Test (A.C.T.) or Scholastic Aptitude Test (S.A.T.) is required of all entering freshmen. The applicant may select either test although the A.C.T. is recommended. Entrance tests should be taken early, usually late in the junior year or early in the senior year. A person who has graduated from high school more than one year before entering college need not take a college entrance examination.

### II. Non-Graduates of High School

Individuals who have not completed high school may be considered for admission on the basis of the General Education Development (G.E.D.) test.

### III. Four-Year College Transfer Applicants

Students wishing to transfer to Avila from other four year colleges and universities must submit the materials listed below in order that the application can be processed:

1. Application for admission.
2. \$20 non-refundable application fee.
3. Transfer evaluation form.
4. High school transcript. This is waived for the student who has received a baccalaureate degree from another institution and is seeking admission to work on a second degree or teacher certification.
5. College transcript. Request that official transcripts be sent directly from each college attended.

A "C" average (on a scale where 2.0 = C) is necessary for admission as a transfer student.)

Nine semester hours of correspondence credit will be accepted toward a degree.

Credits received more than fifteen years ago will be accepted toward a degree, but not toward the total hours required for a major.

Transfer students must have the approval of a major in writing from the major subject adviser before entering the junior year, or if the student has already earned junior standing during the first semester of attendance at Avila College.

Students transferring from non-accredited colleges will be accepted provisionally until thirty semester hours have been successfully completed at Avila College.

#### **IV. Two-Year College Transfer Applicants**

Avila College accepts the associate degree oriented toward the baccalaureate degree as having satisfied the general education requirements of the college, provided the student has graduated with a 2.0 average from an accredited institution.

A maximum of 72 semester hours of two year college credit will be accepted toward the total hours required for a degree. The final 30 semester hours must be consecutive resident credits. Credits earned through transfer, life experience, military service or College Level Examination Program (CLEP) do not count as resident credits. Avila College will accept for transfer credit all courses designated as college or university equivalent by the accredited two year college.

Two-year college transfer applicants must submit the same application materials that are required of students transferring from four-year colleges.

#### **V. Notification of Decision**

Upon receiving the required application materials the Office of Admissions will process the student's application. The applicant is usually informed of the Admissions Committee's action within 10 days after receipt of all necessary materials. Within two weeks of receipt of notification of acceptance to the College, students for the fall semester are required to submit a \$50 confirmation fee payable in two installments of \$25 each. The first installment, due two weeks after notification of acceptance is refundable until May 1. After May 1, the

second \$25 installment is due and is non-refundable. Applicants for spring semester must submit a \$25 confirmation fee within two weeks of receipt of notification of acceptance. This fee is refundable until December 1.

#### **ADMISSION OF MILITARY PERSONNEL AND VETERANS**

In addition to the requirements listed for admission of transfer students, military personnel and veterans will be granted credit for military service and college-level work completed in service schools as recommended by the Commission on Accreditation of Service Experiences of the American Council on Education.

#### **ADMISSION OF FOREIGN STUDENTS**

In addition to the requirements listed for admission to the freshman class, applicants from other countries must take the Test of English as a Foreign Language. Information and applications may be obtained from TOEFL, Educational Testing Service, Princeton, New Jersey 08540.

#### **ADMISSION OF REGISTERED NURSES**

The Department of Nursing provides the opportunity for the registered nurse to earn a Bachelor of Science in Nursing degree. Registered nurses who are graduates of diploma or associate degree programs are eligible for admission. Advanced placement credit for some courses in the liberal arts and sciences and in the nursing courses may be granted after satisfactory performance on proficiency examinations. The R.N. applicant must meet the same admission and graduate requirements as those required for all students.

#### **ADMISSION OF SPECIAL STUDENTS**

College graduates and students regularly matriculated at other institutions may be admitted to courses when the following credentials have been received by the Director of Admissions:

1. A formal application for admission.
2. An official statement from the academic dean or registrar of the institution granting the degree certifying that the student is either a graduate of the institution or is in good standing and has permission to enroll for the specified courses.
3. An official transcript from institution granting degree if student is not planning to transfer credits back to parent institution, or if the student is working toward teacher certification.



### **ADMISSION OF PART-TIME STUDENTS**

Applicants who wish to enroll in a degree program but are unable to carry a full-time schedule will be admitted as part-time students and may carry fewer than 12 semester hours. They must fulfill all the requirements for regular admission and comply with the academic regulations of the college and such general regulations as the academic dean may require.

### **PRE-FRESHMAN ADMISSION**

Upon completion of the junior year in high school, students may register for college courses on the freshman level under the following conditions:

1. They must meet general admissions standards of the college.
2. They must submit a special application for admission that includes two recommendations. One is to be from the high school counselor and one from a high school instructor.

Courses taken for credit will count as credit after the student enters college as a regular student. Such courses will not count either toward the high school diploma or as college entrance requirements.

### **ADVANCED PLACEMENT OF FRESHMEN**

Advanced placement (with or without credit) is given to students who have done advanced work in high school and make satisfactory scores on the Advanced Placement Examination of the College Entrance Examination Board.

### **CREDIT BY EXAMINATION**

Avila College recognizes the fact that academic credit by examination is a valid and useful measure of scholastic achievement. The college presumes that persons seeking such credit are sufficiently knowledgeable in the area to be tested to preclude any pre-test tutorial service.

The Avila College Testing Center will administer examinations for credit to all persons requesting this service. Both the CLEP and departmental-type examinations are available.

If the person desiring credit by examination is not previously or currently enrolled at Avila College, he will receive credit for the successfully challenged course upon enrollment. With the approval of his academic adviser, a student may challenge a course in which he is currently enrolled. With acceptable scores, he must then officially withdraw from said course in order to receive credit by examination. The director of testing services will explain and outline specific procedures.

CLEP examinations for credit are administered during the third week of each month. The General Examinations are offered on the third Saturday of each month and the Subject Examinations on the third Monday of each month.

There is a charge of \$20.00 for each CLEP Subject Examination and \$20.00 for each General Examination when taken separately. If two or more examinations are taken, fees charged are based on the number of objective tests, regardless of whether they are General Examinations or Subject Examinations. For further information, please use CLEP Registration Guide available in the Testing Office.

A service charge of \$3.00 will be charged students who cancel or are absent from the test. The examination should be paid for by personal check or money order. A \$2.00 service charge will be levied if an "exchange" check is needed since cash cannot be accepted.



Departmental examinations for credit may be challenged as often as the department submitting the examination allows. These examinations will be administered four times yearly in January, April, August, and October.

Upper division courses may be challenged at the discretion of the departments involved. Performance courses and courses involving lab work and practicums are also dependent upon departmental decisions.

The Departmental Examination fee is \$20.00 per credit hour. Students not receiving credit or students withdrawing from Departmental Examinations after registering with the Testing Office will receive a refund of all but \$20.00 of the fee payment.

Students may register for any of these examinations at the Testing Office, O'Reilly Hall, approximately three weeks in advance of the testing dates.

#### **CREDIT FOR EXPERIENTIAL LEARNING**

In addition to Avila's testing program as described above, Avila provides academic credit for experiential learning.

To apply, students already enrolled at Avila petition the department, present detailed accounts of experience and supporting evidence, and meet other specific departmental requirements. There is a \$20.00 non-refundable application fee which may be applied to tuition if experiential learning credit is awarded. The charge for experiential learning credit is \$20.00 per semester hour.

#### **DIVISION OF CONTINUING EDUCATION Continuing Education Unit (CEU)**

Ten contact hours of participation in an organized continuing education experience under responsible sponsorship, capable direction, and qualified instruction.

The Division of Continuing Education, in cooperation with Avila's academic departments, extends educational offerings beyond the traditional on-campus degree programs. Through conferences, workshops, seminars and short-term sessions, the residents of the community are provided the opportunity to continue their education in areas of personal and professional interests. Reports of CEUs attempted/awarded will be issued to all participants. Permanent academic records are





maintained for persons completing requirements of a session. Transcripts are issued at the written request of the student.

Enrollment is through the Registrar's Office, by mail or in person, and at the class site if class spaces remain available.

### Non-Credit Program

With the permission of the instructor, any person may enroll in credit courses offered at Avila College on a non-credit basis. Students taking courses for non-credit are not required to meet the admission requirements of the college, take tests, or attend classes regularly. Permanent records are not maintained and grade reports are not issued. The academic level of these classes provides interested persons from a variety of backgrounds and experiences an atmosphere for intellectual and professional growth.

Enrollment is through the Registrar's Office, in person, during the scheduled times of registration for credit classes.

### COOPERATIVE PROGRAMS

Avila College has an exchange agreement with several area colleges extending library privileges and permitting full-time students to register for course work without payment of additional tuition. See the academic dean for details.

### FOREIGN STUDY

Avila recognizes the value of foreign study and encourages students to participate in this enriching academic experience. Although of interest and benefit to all, time spent in another culture is of particular importance to students majoring in foreign languages, international business, history or the fine arts. A good selection of exciting summer experiences or full semester programs is available. Interested students may obtain further information from the director of foreign studies.



### GENERAL EXPENSES

<b>Full-time Students 12-18 Hours</b>		<b>1976-77</b>
Tuition (per semester) .....		\$900.00
(Tuition in excess of 18 hours is \$58 per credit hour)		
Student Activity Fee* .....		
(per semester) (non-refundable) .....	20.00	
Student Center Fee .....		
(per semester) .....	4.50	
		<u>\$924.50</u>

### Part-time Students 1-11 hours

Tuition for day classes per credit hour .....	\$ 58.00
Tuition for evening classes per credit hour .....	35.00
Classes beginning 5:00 p.m. (including Student Activity Fee)	
Graduate tuition per credit hour	
Day .....	65.00
Evening .....	50.00

### Residence Hall

Room and Board — Double Room (per semester) .....	\$600.00
Room and Board — Single Room (per semester) .....	725.00

\*The Student Activity Fee monies are spent in support of clubs and organizations, intercollegiate athletics, intramurals, Student Government, Student Newspaper, union activities, fine arts, concerts and lectures.

Room reservation and damage deposit .....	50.00
--	-------

### Academic Fees

Basic Nursing, NU 111-117 .....	\$ 70.00
Med. Surg. Nsg. I .....	40.00
Med. Surg. Nsg. II .....	40.00
Mental Health Nsg. ....	40.00
Pediatric Nsg. ....	40.00
Community Health Nsg. ....	40.00
Leadership in Nsg. ....	40.00
Science Lab. Fees (per Lab, see schedule) .....	15.00
Earth Science Lab Fee .....	5.00
Art Lab. Fees (per Lab, see schedule) .....	17.00
Art for the elementary school .....	5.00
Physical Skills .....	As Announced
Credit by examination, CLEP .....	20.00
Credit by departmental examination (per credit hour) .....	20.00
Credit for Experiential Learning (per credit hour) .....	20.00
Courses for Non-Credit (per credit hour) .....	20.00
Continuing Education Units .....	As Announced
Student Teaching per credit hour (in addition to tuition) .....	8.00
Private lessons in Piano, Organ, Voice One lesson per week for one semester (non-credit) .....	60.00
Two lessons per week for one semester (1-2 hours credit possible) .....	90.00
Note: The \$90 Includes tuition and music fee for part-time students Full-time students pay \$90 in addition to tuition.)	
Medical Technology clinical experience matriculation (per semester) .....	50.00



### Miscellaneous Fees and Special Services

Application Fee for all new students .....	20.00
Tuition Deposit for all new students (Spring, \$25.00) .....	50.00
Graduation Fee .....	35.00
Penalty for late filing of Degree Application .....	10.00
Special Registration (early or late) .....	20.00
Change in Program Fee (See section on Program Changes) .....	5.00
Change of Incomplete Grade (per card) .....	5.00
Late Payment Penalty .....	15.00
Deferred Payment Plan (per semester) .....	20.00
Cancellation of Registration Fee (See section on Tuition Adjustment) .....	25.00

The charge for auditing courses is the same as for courses taken for credit.

The college reserves the right to revise its charges and fees at any time should it be deemed necessary.

Private telephones are available to each dormitory room at commercial rates.



### **PAYMENT OF ACCOUNTS**

All accounts are due and payable on the day of registration or as otherwise may be noted on the class schedule.

### **CREDIT CARDS**

The college will accept either Mastercharge or BankAmericard in payment of accounts.

### **DEFERRED PAYMENT PLAN**

The deferred payment plan has been designed to allow students to spread the payment of fees over the semester. There is a \$20 fee. Total charges, after allowing for all approved financial aid, are payable in four equal installments. A \$15.00 late fee will be assessed on all delinquent accounts. The payment schedule is as follows:

#### **First Payment**

First Semester—Registration Day or as otherwise noted on class schedule; Second Semester—same as First Semester.

#### **Second Payment**

First Semester—October 1; Second Semester—February 1.

#### **Third Payment**

First Semester—November 1; Second Semester—March 1.

#### **Fourth Payment**

First Semester—December 1; Second Semester—April 1.

### **ROOM AND MEALS**

1. Rooms are reserved by written application to the Avila College Housing Office and payment of a \$50.00 Room Reservation and Damage Deposit

2. Former or present residents of a dormitory are not required to send a Room Reservation and Damage Deposit with their application if a \$50.00 deposit is already on record.

3. For refunds of the Room Reservation and Damage Deposit, see section on Refund Policy.

4. An applicant's name is placed on a waiting list when both the application and Room Reservation and Damage Deposit are received.

5. The college does not provide pillows, linens, blankets, or bedspreads.

6. Room and board contracts are for the entire academic year. Juniors and Seniors may request one semester contracts.

7. The college reserves the right to honor a yearly contract over a semester contract.



## **TUITION ADJUSTMENT AND REFUND POLICY**

Tuition will be adjusted as a result of withdrawing from classes during the first three weeks of the semester according to the following schedule:

### **Full-Time Students**

First Week—Cancellation of registration.

Cancellation of all tuition and fees less \$25

**Note!!** Cancellation of registration is a complete withdrawal from college and no records will be kept. A \$25 fee will be charged. To cancel registration, forms which are available in the Registrar's Office must be processed during the first week.

First Week—Change in status from full-time to part-time. Tuition will be reassessed at the part-time rate and the appropriate reduction made. The change in program card must be processed during the first week.

Second and Third Weeks—Withdrawal from school 50% reduction of tuition.

Second and Third Weeks—Change in status from full-time to part-time. No reductions.

After Three Weeks—No reductions, original charges are due and payable.

### **Part-Time Students**

First Week—Cancellation of registration. Same as for full-time students.

First Week—Withdrawal from some but not all classes. 100% reduction of tuition and fees.

Second and Third Weeks—Withdrawal from some or all classes. 50% reduction of tuition.

After Three Weeks—No reductions, original charges are due and payable.

IF ANY TUITION REDUCTION RESULTS IN AN OVERPAYMENT, THE APPROPRIATE REFUND WILL BE MADE. IF ANY TUITION REDUCTION RESULTS IN THE STUDENT STILL OWING AVILA, IT WILL BE DUE AND PAYABLE.

## **REFUND POLICY — RESIDENCE HALL**

Residence hall students withdrawing from the residence hall during the first week will receive a 100% refund of the total room and board fee minus \$50; during the second week will receive a 75% refund of the total room and board fee; during the third week will receive a 50% refund of the total room and board fee; after the third week will receive a refund on their board fee on a prorated basis.

After the student has properly checked out of his room, the \$50 Room Reservation and Damage Deposit, less unpaid assessments, is refundable to the student under the following circumstances:

1. Any new resident student who withdraws his application and who notifies the Housing Office in writing prior to May 15 for the first semester or December 1 for second semester
2. Students withdrawing from college at the end of fall semester and who notify the Housing Office in writing sixty days prior to the first day of classes for spring semester
3. Contract period expires and student does not sign a new contract
4. Returning resident students who request cancellation of their contract during the summer and who notify the Housing Office in writing by July 15
5. Graduation
6. Residents who request and receive permission to terminate their residence hall contract in accordance with the residence hall termination policy

## **FINANCIAL AID**

Avila College provides financial assistance to qualified students on the basis of both need and merit. The purpose of the Financial Aid program is to provide supplementary assistance to students who would otherwise be unable to attend college without such aid.

Parents are expected to make a maximum effort to assist the student by underwriting the cost of education, based on their ability to contribute monefarily.

Students are also expected to assist themselves in meeting financial costs incurred in the educational process.



Finally, all financial aid and scholarship considerations are made without regard to a student's race, religion, or national origin or to their political, social or economic beliefs.

### **What is Financial Need?**

Financial need is defined as the difference between the cost of education and the student's or family's ability to meet that cost. To assist in the determination of need, Avila College participates in the College Scholarship Service of the College Entrance Examination Board. Through its Parent's Confidential Statement or Student's Financial Statement, the service makes a standard evaluation of family resources and recommends the amount of aid needed.

### **How to Apply**

Students applying for financial aid must meet the following requirements:

1. Submit an application for admission at Avila College. An applicant must be enrolled or accepted at Avila before any financial assistance can be awarded.

2. Each applicant must submit a Parent's Confidential Statement or, if independent or self-supporting, a Student's Financial Statement to the College Scholarship Service, Box 300, Berkley, California 94701, designating Avila College as the needs analysis recipient.

3. All applicants must complete the application for Financial Aid from Avila College and return it to:

Director of Financial Aid  
Avila College  
Kansas City, Missouri 64145

4. Submit a copy of the last I.R.S. 1040 or 1040A tax return.

ALL FINANCIAL AID INFORMATION IS STRICTLY CONFIDENTIAL.

MISSOURI RESIDENTS MUST FILE AN APPLICATION FOR THE MISSOURI STUDENT GRANT BEFORE ANY AID CONSIDERATIONS FROM AVILA WILL BE GIVEN. ALL STUDENTS APPLYING FOR ANY AID ARE REQUIRED TO APPLY FOR A BASIC EDUCATIONAL OPPORTUNITY GRANT.



### **When to Apply**

Applications for Financial Aid must be made annually as all awards cover a period not longer than one academic year and are made conditional to the availability of funds. Renewal of all financial aid is dependent upon the funds available and the maintenance of a satisfactory academic record. The types of aid a student can receive may vary from year to year.

The major portion of financial aid is awarded prior to May 1; therefore, it is advantageous to apply and submit all forms as early as possible. Applications for financial aid for fall and spring semesters submitted after July 1, will be considered on the basis of funds available.

### **Award Notification**

All recipients of financial aid are required to indicate the acceptance of their award within 10 days of notification to the Financial Aid Office. Awards not accepted will be promptly reassigned to other students showing need for such funds as all financial aid programs that are administered through the Avila Financial Aid Department are limited by the funds available.

## **TYPES OF AID AVAILABLE INSTITUTIONAL AID**

### **Scholarships**

Scholarships are awarded recognizing both academic achievement and individual talents. To be eligible for scholarship awards the student must rank in the top 10% of the high school class and have achieved above average test scores on either the American College Test (ACT) or the Scholastic Aptitude Test (SAT).

### **Dean's Scholarship**

Freshmen majoring in the Liberal Arts areas of art, biology, chemistry, economics, English, French, history, mathematics, medical technology, music, pre-medicine, psychology, religious studies, social work, Spanish, and sociology can receive awards ranging from \$200 to full tuition. To be eligible a student must rank in the top 5% of their high school graduating class.

### **Avila Scholarships**

The Avila Scholarship is for students who do not qualify for the Dean's Scholarship. To be eligible students must rank in the top 10% of their graduating class. Awards range from \$100 to \$800 annually.

## **Grants**

Grants are awarded to students showing academic promise and individual talent in the areas of Scholastics, Athletics, Theatre and performing arts.

### **Avila Grants**

Students demonstrating a high financial need and maintaining a 2.0 ("C") average or better may apply for the grants. Grant amounts range from \$100 to \$400.

### **Dean's Theatre Grant**

These awards are for entering freshmen who wish to major in Theatre and performing art areas. Awards are based upon the results of a required audition with the Theatre Arts Department. Awards range from \$400 to full tuition and are renewable each year.

### **Avila Athletic Grants**

Avila Athletic Grants are awarded to both men and women who demonstrate exceptional skills in athletics. Avila College is a member of the Association of Intercollegiate Athletics for Women (A.I.A.W.) and competes in Basketball, Volleyball, and Tennis. Avila men compete in Basketball and Tennis and Avila is a member of the National Association of Intercollegiate Athletics (N.A.I.A.).

## **FEDERAL ASSISTANCE**

### **Basic Educational Opportunity Grant**

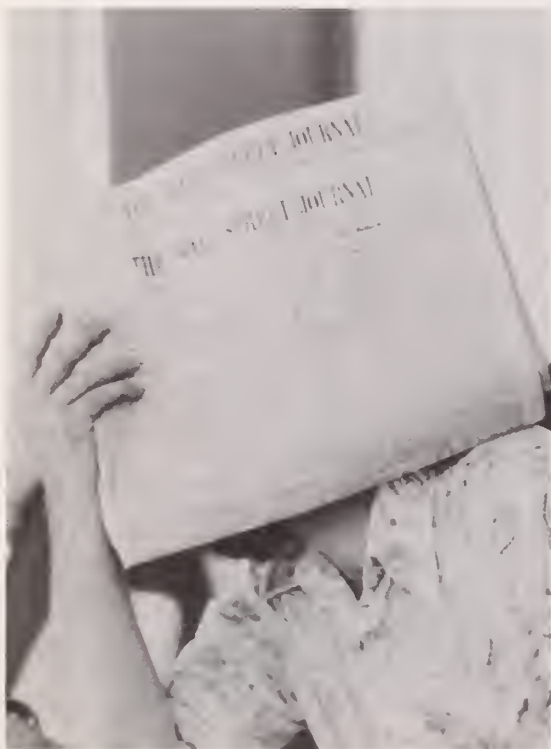
A student must submit a B.E.O.G. statement to Basic Grants. Application forms are available at the high school or the Avila Financial Aid Office. Submission and analysis of the B.E.O.G. form is free of charge. The student must submit his processed B.E.O.G. award to the Financial Aid Office for determination of award amount. Awards range from \$50 to \$1400 annually. Both full and part time students are eligible.

### **Supplemental Educational Opportunity Grants**

These grants are available to students with exceptional need. Awards are based upon the Parent's Confidential Statement needs analysis and range from \$200 to \$1,000 annually.

### **National Direct Student Loans**

This program permits students with established need to borrow up to \$1,000 per year (in some cases \$1,500) for four years at 3% interest. No interest is charged while the student is attending school. A student may borrow up to \$2,500 during the freshman and sophomore years with a maximum of \$5,000 during the







period of undergraduate study. Repayment of the loan begins nine months after the borrower ceases to be enrolled at least half time in college and may extend over a period of ten years. The repayment amount can be reduced for teacher service in special education or in low income areas.

#### **Federal Nursing Student Loans**

Eligible students may borrow up to \$2,500 per academic year. Repayment period (and 3% per annum interest) begins nine months after the borrower ceases to be at least a half time student and may extend over a period of ten years. The repayment amount may be reduced if the student accepts employment in any public or other nonprofit private agency, institution, or organization after graduation. No student eligible to receive funds from the Nursing Student Loan Fund will be eligible to receive funds under the National Direct Student Loan Program.

#### **Federal College Work Study Program**

This program is funded by the Federal Government with the college matching funds. Work opportunities in faculty offices, laboratories, library and other areas are

available through which a student may earn a portion of his educational expenses. The student is paid on an hourly basis with a weekly maximum of 20 hours during a regular term. The student may work 40 hours during vacation periods and the summer months.

#### **Nursing Scholarship**

Nursing scholarships are only awarded to second, third and senior year nursing students demonstrating extreme financial need.

#### **Guaranteed Loan Program**

This program permits qualified students to borrow from banks or other financial institutions. The Federal Government pays part of the interest if family income is less than \$15,000 annually. The loan is guaranteed by a state agency or private nonprofit organization. Repayment is deferred until after graduation. Additional information concerning these loans is available from participating banks or agencies in the student's home state.





#### **Law Enforcement Education Program (LEEP)**

The LEEP program provides financial support for the college education of police, courts, corrections and other law enforcement and criminal justice practitioners, and students preparing for criminal justice careers. Two types of financial assistance are available to cover tuition: **Grants** up to \$400 a semester; **Loans** up to \$2,200 per academic year. For further information on eligibility for Grant and Loan programs and Loan cancellation, please contact your police LEEP coordinator or Director of Admissions  
Avila College  
Kansas City, Missouri 64145

#### **ADDITIONAL ASSISTANCE**

##### **Edward F. Swinney Loan Fund**

Needy students from the state of Missouri may apply for the Edward F. Swinney Loan. An applicant's character and scholastic record will be considered in awarding the loans. The loans may not exceed \$500 per student per academic year and no applicant may receive more than four loans. Applications are available in the Avila Financial Aid Office.

#### **Student Nurses Loan Fund** (Women's Auxiliary to the Jackson County Medical Society)

Loans are limited to students pursuing a program of nursing in a Jackson County based, accredited institution. A student must be a second, third, or fourth year nursing major and show financial need. Applications are available in the Financial Aid Office.

#### **OUTSIDE AID**

##### **Vocational Rehabilitation Scholarships**

Individuals with physical disabilities classified as vocational handicaps may receive financial aid through local offices of the State Department of Vocational Rehabilitation.

##### **Veterans Benefits**

Certain armed service veterans and dependents who qualify under Federal Laws administered by the Veterans Administration are eligible to receive educational benefits. Information about these programs may be obtained by writing the state or county Veterans Administration office or by contacting the Veterans Officer at Avila College.

**Social Security Benefits**

In most cases if a parent is receiving monthly social security payments as a result of retirement or disability, a student who is a dependent is entitled to receive benefits. Also, if a parent or parents are deceased, a student who was dependent is usually eligible to receive benefits. The payments to a dependent stop at age 18; however, if a dependent attends college, he can receive benefits until he reaches age 22. If a student is eligible for the additional social security benefits, he must contact his local Social Security Office.

**Outside Aid**

Applicants for financial aid should keep the College informed of other scholarships and awards received from outside sources, such as businesses, foundations, or professional groups. The college works closely with these groups to integrate all aid into a fair and equitable award for each student.

For further information call or write to:  
Director of Financial Aids  
11901 Wornall Road  
Avila College  
Kansas City, Missouri 64145  
816-942-8400, Ext. 277





# ACADEMIC INFORMATION

## DEGREES

Avila College offers a four-year course in the liberal arts and sciences leading to the degrees of Bachelor of Arts or Bachelor of Fine Arts and a four-year course in the liberal arts and sciences with some professional preparation leading to the degrees of Bachelor of Science in Medical Technology, Bachelor of Science in Nursing, Bachelor of Science in Radiologic Technology, or Bachelor of Social Work.

## BACHELOR OF ARTS

The candidate for the Bachelor of Arts degree must meet the following requirements:

1. Completion of at least 128 semester hours of academic work with a minimum grade point average of 2.0 (average grade of "C"). No more than 42 hours may be required for a major. No more than 60 hours in one subject may be counted toward the 128-hour requirement.
2. Completion of the final 30 hours at the college.
3. Completion of the following core requirements:

**Humanities**—at least 25 hours in at least 4 of the following areas:

Art  
English  
Foreign Language  
Music  
Philosophy  
Religious Studies  
Speech-Theatre and Dance

**Social and Behavioral Sciences**—at least 12 hours in at least 3 of the following areas:

Economics  
Geography  
History  
Political Science  
Psychology  
Sociology

**Natural Sciences and Mathematics**—at least 10 hours in at least 2 of the following areas:

Biological Science  
Physical Science  
Mathematics

4. Completion of a major of not less than 27 semester hours in one subject area including 20 semester hours in upper division courses; a minimum grade of "C" in each upper division course in the major. Completion of at least 12 upper division hours in the major at the college.
5. Completion of requirements specified by major departments.
6. Approval of a major in writing from the major subject adviser before entering the junior year.
7. A thesis, comprehensive examination, recital, or exhibit.
8. The National Teacher Examination is required of all seniors with a major or minor in education.

## BACHELOR OF FINE ARTS

The candidate for the Bachelor of Fine Arts degree must meet the following requirements:

1. Completion of at least 128 semester hours of academic work with a minimum grade point average of 2.0 (average grade of "C"). 75 hours in the major subject area are required.

2. Completion of the final 30 hours at the college.

3. Completion of the following core requirements:

**Humanities** — at least 25 hours in at least 4 of the following areas:

Art  
English  
Foreign Language  
Music  
Philosophy  
Religious Studies  
Speech-Theatre and Dance

**Social and Behavioral Sciences** — at least 12 hours in at least 3 of the following areas:

Economics  
Geography  
History  
Political Science  
Psychology  
Sociology

**Natural Sciences and Mathematics** — at least 10 hours in at least 2 of the following areas:

Biological Science  
Physical Science  
Mathematics

4. Completion of major requirements (see requirements listed under major; at present, the BFA is only offered in Speech and Theatre); a minimum grade of "C" in each upper division course in the major. Completion of at least 24 upper division hours in the major at Avila.

5. Approval of a major in writing from the major subject adviser before entering the junior year.

6. A thesis, comprehensive examination, recital, exhibit, or senior project.

7. The National Teacher Examination is required of all seniors with a major or minor in education.

## BACHELOR OF SCIENCE IN MEDICAL TECHNOLOGY

The candidate for the Bachelor of Science in Medical Technology degree must meet the following requirements:

1. Completion of at least 128 semester hours of academic work with a minimum grade point average of 2.0. A minimum of 96 semester hours of academic work must be completed preceding entrance into an affiliated hospital.

2. Maintain a "C" or above in all Natural Science and Mathematics courses.

3. Approval of the major in writing from the adviser in medical technology before entering the junior year.

4. Completion of the final 32 hours of the senior year while enrolled at the college, with a minimum grade of "C" in all courses.

5. Completion of the following requirements:

**Humanities** 18 hours

Recommended courses:  
Speech Communication (2)  
Basic Writing (3)  
Man and His Decisions (3)

**Social and Behavioral Sciences** 12 hours

Recommended courses:  
General Psychology (3)  
Introduction to Sociology (3)

**Natural Sciences** 65-66 hours

Required courses:  
Biology 111, 112, 146, 147, 148, 191, 192, 194  
Chemistry 11 or 21, 113, 120, 121, 141  
Mathematics 16 and 17, or 31  
Physics 11, 12

**Medical Technology** 33 hours

MT 14 Introduction to Medical Technology 1  
MT 181 Clinical Chemistry 8  
MT 182 Clinical Chemistry 8  
MT 183 Clinical Microbiology 8  
MT 184 Immunohematology 4  
MT 185 Diagnostic Immunology 4

## BACHELOR OF SCIENCE IN NURSING

The candidate for the Bachelor of Science in Nursing degree must meet the following requirements:

### A. Criteria for admission to the nursing major.

1. Completion of pre-nursing courses listed with courses of instruction.
2. Maintain a "C" or above in all natural science and mathematics courses.
3. Achievement of a G.P.A. of 2.5 in pre-nursing courses.
4. Upon attainment of sophomore status, written application by the student to the Department of Nursing to be submitted by October 15.
5. Personal interview by Department of Nursing faculty during the sophomore year.
6. Approval of the major in writing from the Department of Nursing before entering the junior year.
7. Completed health history and physical examination.

### B. Criteria for completion of the Bachelor of Science in Nursing degree.

1. Completion of at least 129 semester hours of academic work with a minimum grade point average of 2.0.
2. No less than 52 semester hours, nor more than 60 hours in the nursing major may be counted toward the 129 hour requirement.
3. A minimum grade of "C" must be achieved in all nursing courses.
4. Completion of the senior year at the college.
5. The National League for Nursing Achievement and Comprehensive tests in each of the required areas at the discretion of the department chairman.
6. Completion of the following requirements:



### Humanities 17 hours

Required Courses:

- Writing (3)  
Speech Communication (2)  
Man and His Decisions (3)

### Social Science 12 hours

Required Courses:

- Sociology (6)

### Behavioral Science 12 hours

Required Courses:

- Psychology (12) including PY 11, 121, 161, and 162

### Natural Science 28 hours

Required Courses:

- Chemistry (8)  
Biology (16)  
Mathematics (3)  
Metrology (1)

### Nutrition 2 hours

### Nursing 55 hours

### Open Electives 3 hours



## **BACHELOR OF SCIENCE IN RADIOLOGIC TECHNOLOGY**

The candidate for the Bachelor of Science in Radiologic Technology degree must meet the following requirements:

1. Enrollment in or completion of a Radiologic Technology Program in a hospital or community college is a prerequisite for acceptance into the major.

2. Completion of at least 95 semester hours of academic work with a minimum grade point average of 2.0. Upon successful completion of the American Registry for Radiologic Technologists examination and course required for the BSRT degree, 33 credits will be awarded for the RT technical course work.

3. Completion of the final 30 hours at the college.

4. Completion of the following requirements:  
**Humanities**—at least 18 hours including: EN 15, 29, ST 11.

**Social and Behavioral Sciences**—at least 12 hours including: PY 11, SO 11, 112.

### **Natural Sciences**

Required Courses: BI 111, 112, 120, 194; PH 11, 12; CH 11; MA 50.

### **Education**

Required Courses: Ed 175, 176, 194.

### **Business**

Required Courses: BU 19, 144, 146.

### **Radiologic Technology**

Required Courses: RT 111, 112 (7 credits)

5. A grade of "C" must be earned in all required courses for the major.

## **BACHELOR OF SOCIAL WORK**

The candidate for the Bachelor of Social Work degree must meet the following requirements:

1. Completion of at least 128 semester hours of academic work with a minimum grade point average of 2.0 (average grade of "C").

2. Maintain a "C" or above in all Social and Behavioral Sciences and Social Work courses.

3. Completion of the senior year at the college.

4. Majors must pass a written English proficiency examination.

5. Approval of the major in writing from the adviser in Social Work.

6. Completion of the following requirements:

### **Humanities**

20 hours

Recommended courses:

Writing I & II (6)

PL 13 or PL 156 (3)

Speech Communications (2)

### **Social and Behavioral Sciences**

27 hours

Required courses:

Economics: EC 41 or EC 42 (3)

Political Science: PS 11 or PS 120 (3)

History: HI 17 or HI 18 (3)

Psychology: PY 11, 161 and 162 (9)

Sociology: SO 11, SO 130, and an elective (9)

### **Natural Sciences and Mathematics**

10 hours

(Must include one course in biological science and one course in mathematics.)

Recommended courses:

BI 14 (4)

MA 11 and/or MA 50 (3-6)

### **Social Work**

39 hours

SW 11 Introduction to Social Work (3)

SW 115 Social Welfare (3)

SW 121 Human Behavior in the Social Environment (3)

SW 130-139 One course from Special Client Groups (3)

SW 140 Social Work Practice I (3)

SW 160 Social Legislation and Policies (3)

SW 178 Introduction to Research (3)

SW 180 Social Work Practice II (3)

SW 181 Field Instruction I (6)

SW 183 Social Work Practice III (3)

SW 184 Field Instruction II (6)

### **Electives**

32 hours



### **DOUBLE MAJOR AND DEGREE CONFERRED**

When two majors are completed in different degree areas, the degree conferred will be granted in the primary degree area as indicated by the student.

### **Requirements for earning a second degree are as follows:**

1. Completion of a minimum of thirty (30) additional semester hours above the hours completed for the first degree.
2. Completion of a major with at least half of the major taken at Avila. A "C" average must be maintained in all upper division major courses.
3. Completion of the core requirements as listed for each degree offered at Avila.

### **APPLICATION FOR DEGREE**

Written application for a degree, Associate or Baccalaureate, must be filed with the Academic Dean's Office during the session preceding the semester required to complete degree requirements. Date for application for a degree is listed on the first semester class schedule.





# ACADEMIC REGULATIONS

## CREDIT HOURS AND GRADING SYSTEM

Grades	Points per semester hour
A - excellent	4
B - good	3
C -average	2
D -below average	1

NC—no credit (academic assessment made— student deserving of no credit) ..... 0  
—not computed in the grade point average

W—official withdrawal (without academic assessment up to and including the day before the final class evaluation or examination) ..... 0

Au—audit (courses may be taken as audit with the approval of the instructor — student may withdraw from the course or change a credit course to audit up to and including the day before the final class evaluation or examination — student may also change an audit course to credit with the permission of the instructor) ..... 0

P—Pass (equivalent to A, B, C under the Pass or No Pass option).....0

NP—No Pass (equivalent to D or NC under the Pass or No Pass option).....0  
(Courses may be taken on the Pass or No Pass option with the approval of the instructor and the major adviser. Permission forms are available in the registrar's office. This option may be contracted with the instructor up to and including the day before the final class evaluation or examination. The instructor records the final grade as Pass or No Pass only. A Pass or No Pass grade may not subsequently be converted to a standard letter grade.)

I—Incomplete (if the course work required for a grade is not completed within six weeks after the close of a session, the grade of incomplete will remain and cannot subsequently be changed to a standard letter grade.)

The basis for determining academic standing is the point-hour ratio. It is obtained by dividing the total number of grade points by the total number of semester hours successfully completed, including transfer credits, and excluding courses in which the grades NC, W, AU, P, NP and I are recorded.



### **STUDENT LOAD AND CLASSIFICATION**

A full-time student carries from twelve to eighteen credit hours each semester. Excess credits may be carried only with the approval of the academic dean. A part-time student carries from one to eleven hours.

A student on a degree program must have the approval of his adviser and the academic dean to take courses at another college. This request will not be granted if the student is within thirty hours of a degree, if the course is available on campus, or if the student does not have a "C" average.

Sophomore Status: 24 semester hours and "C" average

Junior Status: 60 semester hours and "C" average

Senior Status: 92 semester hours and "C" average

### **ATTENDANCE**

Attendance at all classes and examinations is required.

### **HONORS**

Students are eligible for the Dean's List who have a course load of at least 15 hours carrying grade-points and a grade-point average of at least 3.5.

Degrees are conferred with the following honors:  
summa cum laude—3.9 grade-point average  
magna cum laude—3.7 grade-point average  
cum laude—3.5 grade-point average

Graduation honors are based on all work completed before the session preceding commencement.

### **TRANSCRIPT OF CREDITS**

Student records are confidential; therefore, official and unofficial transcripts are issued only at the written request of the student. Official transcripts are forwarded by direct mail to other institutions. Unofficial transcripts are issued to students for personal use. The fee for each transcript issued is \$1.00 payable in advance.

Academic records are released when financial obligations to the college have been met.

Avila College is in compliance with the Family Education Rights and Privacy Act of 1974 for the reviewing of educational records. Students and parents of dependent students may request to review educational records as follows:

1. Complete and sign a request with the office concerned. (Parents must supply evidence of dependency of child.)
2. Set up an appointment for reviewing record.
3. Pay a fee of \$1.00 for each page of record reproduced.

### **PROGRAM CHANGES AND WITHDRAWALS**

Program changes and withdrawals are official when forms that are available in the registrar's office have been processed. All program changes must be officially made within one week of the date of change or withdrawal. Students who do not officially withdraw from a course will receive a final grade of No Credit.

Registration for a class must be made before the last day given for entering a class. (Within two weeks during semester sessions and a shorter time during summer sessions.)

The fee for each change made between registration and the end of the tuition adjustment period is \$5.00. There is no fee for changes made after the tuition adjustment period.

(SEE TUITION ADJUSTMENT POLICY)

## PROBATION AND DISMISSAL

All students must maintain a cumulative grade point average of 2.0 (C average). Failure to maintain a cumulative 2.0 average places the student on academic probation.

Underclassmen who maintain at least a 2.0 average the semester following academic probation will be given another semester to bring the cumulative average up to 2.0. Underclassmen who fail to remove academic probation within the two consecutive semesters following probation are subject to dismissal. Upperclassmen who fail to remove academic probation within the semester following probation are subject to dismissal. Students receiving two or more NC grades in any one semester while on probation are subject to dismissal.

Freshmen, sophomores, and juniors may be dismissed without a probationary period if for the past semester they have a grade point average of less than 1.6. Seniors may be dismissed without a probationary period if for the past semester they have a grade point average of less than 2.0.

Students receiving two or more grades of NC in any one semester will be placed on or continued on probation and/or subject to dismissal. Removal of this type of probation will be made by the Committee on Admissions and Scholarships with the recommendation of the academic adviser. Underclassmen who fail to remove this type of probation within two consecutive semesters following probation are subject to dismissal. Upperclassmen who fail to remove this type of probation within the semester following probation are subject to dismissal.

### Semester:

12-18 hours in one semester for full-time students;

12 hours over a period of consecutive semesters for part-time students.



All students with academic scholarships must complete at least 12 hours each semester with passing grades (courses completed with P grades not included). Exceptions made for courses completed with a grade of P must be approved by the Academic Dean. A 3.0 ("B" average) must be maintained each semester as well as a cumulative 3.0 average. Failure to maintain a 3.0 average each semester will result in loss of scholarship.

The conduct expected of students should be such as is generally accepted and appropriate in an academic community. This standard does not permit:

1. Conduct that obstructs or disrupts teaching, research, administration, or other college activities;
2. Student failure to react properly to administrative requests;
3. Indecent conduct or speech.

Failure of a student to observe the standard of acceptable behavior may, upon due deliberation by the administration, in conference with those involved, and after a hearing for the student, result in dismissal of that student.





# COURSES OF INSTRUCTION

## COURSE DESCRIPTIONS

Undergraduate Courses: Courses numbered 11-99 are lower division and are intended primarily for freshmen and sophomores. Those numbered 111-199 are upper division and are more advanced.

Graduate Courses: Courses numbered in the 400's.

Consecutive numerals separated by a comma, e.g., Fr 11, 12, indicate a course sequence through the year.

The numeral in parentheses after the course title indicates the credit in semester hours.

The Roman numeral following the course description indicates the semester in which the course is given. First semester course offerings are indicated by I; second semester, II. Where frequency of course offering is not indicated, the course is given as required.

## DEPARTMENTS

The academic departments of the college and the subject areas included in these departments are as follows:

**Department of Business and Economics**  
**Department of Education and Psychology**  
**Department of Fine Arts**  
art, dance, music, speech and theatre  
**Department of Modern Languages**  
English, French, Spanish  
**Department of Natural Sciences  
and Mathematics**  
biology, chemistry, earth science,  
mathematics, medical technology, physics,  
radiologic technology  
**Department of Nursing**  
**Department of Religious Studies  
and Philosophy**  
**Department of Social Science**  
administration of justice, history, political  
science, social work, sociology

Students may major in the following areas:  
administration of justice, art, biology, business,  
chemistry, economics, pre-school education,  
elementary education, special education,  
English, French, history, mathematics, medical  
technology, music, natural science, nursing,  
political science, pre-medicine, psychology,  
radiologic technology, religious studies-  
education, social work, sociology, Spanish,  
speech and theatre.

Minors are offered in most major areas and in  
dance, secondary education, international  
studies, music theory, philosophy, theology, and  
women's studies.

A two-year business program is offered.

# ADMINISTRATION OF JUSTICE (AJ)

**Major:** Associate Degree in Administration of Justice or its equivalent (15 to 27 hours) including English Writing (3), American National Government (3), Speech Communication (3), Introduction to Psychology (3), Introduction to Sociology (3), and electives as needed for an Associate Degree. The last two years at Avila College should include:

Business	6 hrs.
Social and Behavioral Sciences	27 hours.
(including courses in at least two of the following areas:	

Economics  
Political Science  
Psychology  
Social Work  
Sociology)

Major field courses	6-12 hrs.
(minimum of 27 hours required with at least 6 hours at Avila)	

Electives (as needed for a B.A. Degree)

Total hours required for a B.A. Degree	128
--	-----

No minor offered.

## 111. TECHNIQUES OF AGENCY ADMINISTRATION. (3)

A comparative study of traditional and contemporary agencies involved in the administration of criminal justice, including on-site visits, reviewing philosophy, organization, administration, budgeting techniques, and materials.

## 115. CONTEMPORARY CONFLICTS BETWEEN THE CRIMINAL JUSTICE SYSTEM AND THE COMMUNITY. (3)

Study of issues involving problems in the administration of justice concerning police discretion, plea bargaining, court procedures, and community-based programs in corrections.

## 120. DIRECTED STUDY AND RESEARCH. (3)

Study and research in a specialized area of the administration of justice. May involve the completion of a research project in cooperation with a functioning criminal justice agency.

## 125. ADMINISTRATION OF CRIMINAL JUSTICE SEMINAR. (3)

A study of selected problems of individual concern to the student in an area of interest relating to the administration of justice.

## 136. CORRECTIONS. (3)

See SW 136.

# ART (AR)

## STUDIO ART

**Major:** Forty-two hours including AR 11, 12, 31, 41, 42, 51, 81, 121, 132, 152, 181 or 184, and 185; maximum number of hours which may be taken in art is 60.

The student proposing to major in art must demonstrate an acceptable level of proficiency to the art faculty following completion of Art Foundation (AR 11 to 112; and AR 132) in order to determine readiness for work on the senior art exhibit.

## VISUAL COMMUNICATIONS

**Major:** Students develop visual skills, problem-solving capability and awareness required of the professional artist in advertising. Studio major.

**Area of concentration requirements:** AR 11, 12, 41, 51 (2), 81, 121, 123, 160, 161, 162 (1), 164, 169; BU 113, 141, 142.

**Minor:** AR 11, 12, 31, 41, 42, 51, 81 and twelve semester hours of upper division art.

**THE TEACHING OF ART:** Studio major, minor in Secondary Education. (See Education section.)

## 11. DRAWING I. (2)

Drawing fundamentals; two-dimensional design and expressive drawing with several media including ink.

## 12. DRAWING II. (2)

Study of optics through perspective; compositional content of object drawing; interiors and landscape.

## 31. CERAMICS I. (3)

Fundamentals of three-dimensional structures; hand-building; elements of design; firing, glazing; introduction to wheel throwing.

## 41. PAINTING I. (2)

Two-dimensional design, color theory, composition.

## 42. PAINTING II. (2)

Advanced design and color experience with brush technique. Structure of the human figure, landscape and still life in relation to painting. Composition.

## 51. SCULPTURE I. (3)

Three-dimensional design; awareness and discovery of design in materials; introduction to modeling, carving.

## 71. METAL ENAMELING AND JEWELRY DESIGN. (3)

Design appreciation and execution of plaques, holloware, jewelry and sculptural forms by fusing vitreous enamels to hand-wrought copper shapes.

## 81. SURVEY OF ART. (2)

Study of relationship between man in his world and in his art expression; art history periods.





**111. DRAWING III. (2)**

Introduction to the human figure. Expressive approach. Emphasis on composition and various media.

**112. DRAWING IV. (2)**

Advanced figure drawing. Emphasis on modeling, anatomy and composition. Variety of media including pen and ink.

**113. DRAWING V. (3)**

Subject matter variable with advice of coordinator.

**115. ART FOR THE ELEMENTARY SCHOOL. (3)**

Art as communication of children. As a core of knowledge; as growth in vision, expression. Theory and evaluation.

**118. BATIK DESIGN. (2)**

The process of wax resist, ancient and modern. Use of six or more types of dye. The craft as a means of artistic expression.

**119. PRODUCTION OF TEXTILE DESIGN. (3)**

Exploring textile processes; utilizing fibers, yarn, and cloth; historical significance applied to two and three dimensional design.

**121. GRAPHIC DESIGN I. (3)**

Fundamentals of printmaking, wood block; silkscreen.

**122. GRAPHIC DESIGN II. (3)**

Fundamentals of itaglio printmaking beginning with wood-cuts.

**123. PHOTOGRAPHY I. (3)**

Knowledge of the process. Picture-taking, developing, printing, enlarging.

**124. PHOTOGRAPHY II. (3)**

Photography as an art form. Continuation of the photographic process in black and white.

**132. CERAMICS II. (3)**

Emphasis on wheel throwing; ceramic sculpture; glaze composition.

**133, 134. CERAMICS III, IV. (3, 3)**

Emphasis on wheel throwing; clay and glaze composition; independent design.

**141. PAINTING III. (3)**

Technical approach to painting: Optics, color vibration, kinetic experience, transparency. Hard edge approach to painting. Use of model.

**142. PAINTING IV. (3)**

Application of brush technique. Sensitivity to color; personal expression of content gained from environmental sources.

**143. PAINTING V. (3)**

Communication with continuing sensitivity to life, environment and ideas in color structure.

**145. TRANSPARENT WATER COLOR. (3)**

Theory. Exploring with the medium to obtain skill. Compositions, outdoor and indoor. Mixed media.

**152. SCULPTURE II. (3)**

Modeling of the human figure and casting.

**153, 154. SCULPTURE III, IV. (3, 3)**

Extended studio experience in modeling, carving and construction in a selected media. Concentration on one media.

**160. VISUAL COMMUNICATIONS I. (3)**

Basic exploration of visual message making. Included are problems in the conversion of verbal concepts to visual messages. **Practicum** required. Some time spent in observation in a professional studio.

**161. VISUAL COMMUNICATIONS II. (3)**

An investigation of visual symbols and typographic design as they are used in communication.

**162. CALLIGRAPHIC DESIGN. (3)**

Fundamentals of hand lettering; four alphabets; historic and contemporary composition and uses of lettering.

**164, 165. SPECIAL PROBLEMS I, II. (3), (3)**

A study relating to a specific professional area (T.V., exhibit design, publications, packaging, educational media) involving the student in a series of projects which require the application of his total design capability to problems of professional scope and complexity. Prerequisites: AR 160, 161.

**166. VISUAL TECHNOLOGY. (3)**

A practical exploration of the commercial processes and materials of the printing industry as related to the work of the graphic designer focusing on production methods and techniques necessary to the preparation of camera-ready art. Off-campus in professional studio.

**169. FIELD STUDY. (6)**

First semester of the senior year. On-the-job training in a professional studio and preparation of a portfolio. Prerequisites: AR 164, 165.

**181. HISTORY OF RENAISSANCE ART. (3)**

Study of development of the Italian and Flemish schools and the style of individual artists.

**184. HISTORY OF POST-RENAISSANCE ART. (3)**

Study of Western art from the Renaissance to the 20th Century.

**185. HISTORY OF 20TH CENTURY ART. (3)**

Architecture, sculpture and painting from Impressionism to the present day.

**188. HISTORY OF ASIAN ART. (3)**

Study of the culture of Japan, China and India. Art periods; architecture, sculpture, painting.

**190. GALLERY DESIGN. (1-2)**

The structure and arrangements of the gallery. May be repeated with consent of instructor.

**198. ART PROBLEMS I. (1-5)**

Art-making. Moving from idea to form in two and three dimensions. Open lab concept. Counseled through coordinator.

**199. ART PROBLEMS II. (1-5)**

Work on the Senior Exhibit. By advisement of the coordinator the student is given the instructors for areas needed. Fees are to be paid in the areas which require such fees.

All senior students are required to organize and present an exhibit of representative works during the final semesters. The student exhibitor will provide before the exam-exhibit one roll of colored film and expense for development of the slides to be taken by a staff member and to be placed on record in the art department.

## BIOLOGY (BI)

**Major:** BI 12, 13, 116, 117, 144 and 172 (20 hours)

**Area of Concentration:**

Microbiology concentration: BI 141, 142, 146, 147 and 148 (16 hours)

Anatomical-Physiological concentration: BI 141, 142, 151, 161, 165 (17 hours)

Pre-medical concentration: BI 141, 142, 146, 151, 165 (17 hours). (BI 172 not required)

Other requirements: CH 11 or 21, 22, 116, 117, 121 or 122; MA 16, 17 or 31; PH 11, 12.

**Minor:** BI 12 or 13; Sixteen semester hours in upper division biology.

**BIOLOGY-CHEMISTRY MAJOR**

Biology: BI 12, 13, 116, 117, 144 and sixteen hours in an area of biology concentration.

Chemistry: CH 11 or 21, 22, 116, 117, 121, 131, 132 and four hours of an upper division elective.

Other requirements: MA 16, 17 and 31 or MA 31, 112; PH 11, 12.

**BIOLOGY-MEDICAL TECHNOLOGY MAJOR**

A student may choose to major in Biology and Medical Technology in a Five-Year program. A Bachelor of Arts degree in biology will be received at the end of the fourth year and a Bachelor of Science degree in Medical Technology will be received upon completion of the fifth year. The following requirements must be met.

Biology: BI 12, 13, 111, 112, 116, 117, 141, 144, 146, 147, 148, 191, 192 and 194.

Chemistry: CH 11 or 21, 22, 116, 117, 120, and 121.

Physics: PH 11, 12.

Mathematics: MA 16, 17 or 31.

Medical Technology: MT 14, 181, 182, 183, 184 and 185.

During the fifth year the student will register for the MT 181-185 series. These courses will be taken at a hospital with which the college has an affiliation.

**PRE-MEDICAL**

See Pre-Medical section.

**NATURAL SCIENCE**

**Major:** BI 12 or 13; CH 11 or 21, 13 or 22; PH 11; thirty semester hours in upper division chemistry or biology.

No minor is offered in this area.

**SCIENCE EDUCATION**

Students preparing to teach biology on the secondary level major in biology and minor in secondary education (see requirements in Education section). For students interested in the teaching of science at the elementary level in a departmentalized school system, an area major in the natural sciences is recommended, together with the education courses required for a state teaching certificate.

**12. GENERAL ZOOLOGY. (4)**

A consideration of structure, function, and phylogeny within the animal kingdom. No prerequisites. Three hours lecture, two hours laboratory per week.

**13. GENERAL BOTANY. (4)**

A consideration of structure, function, and phylogeny within the plant kingdom. Three hours lecture, two and one-half hours laboratory per week. No prerequisite.

**14. MAN AND THE ENVIRONMENT. (3-4)**

The study of relationships between plants, animals, and their environment with emphasis on man's role: overpopulation, food and fuel resources, pollution. Three hours lecture per week. Four hours credit may be obtained upon presentation of a satisfactory term paper, subject to be chosen by the student and subject to approval by instructor. No prerequisite.

**15. FUNCTIONAL HUMAN ANATOMY AND PHYSIOLOGY. (4)**

A survey of the structures and functions of the human body. Three hours lecture, three hours laboratory per week. No prerequisite.

**70. RARE AND ENDANGERED SPECIES. (1)**

Causes and effects of species elimination, due to man's influence on his environment. No prerequisite.

**90. SPECIAL PROJECTS IN BIOLOGY. (1-2)**

Selected readings on topics in biological and relative sciences for the non-science major. Findings are presented in a seminar.

**111. HUMAN ANATOMY. (4)**

A detailed study of the micro- and gross anatomy of the human body. Three hours lecture and two hours laboratory per week. No prerequisites.

**112. HUMAN PHYSIOLOGY (4)**

A detailed study of the physiology of the human organ systems. Three hours lecture and two hours laboratory per week. Prerequisites: BI 111; CH 11 or 21 or concurrently.

**114. BIOLOGICAL TAXONOMIC METHODS. (1)**

Demonstration of and practice in collection and preservation methods for animals and plants. One hour laboratory per week. Prerequisites: BI 12 or BI 13 or concurrently.

**116. GENETICS. (3)**

Principles of genetics in animals and plants; nature, transmission, and function of genetic material; an introduction to population genetics and evolution. Three hours lecture per week. Prerequisite: BI 12 or 13 or consent of instructor.

**117. GENETICS LABORATORY. (1)**

Experimental genetic studies using *Drosophila*, maize, and fungi. Prerequisite: BI 116 or concurrently.

**120. PATHOLOGICAL PHYSIOLOGY (4)**

A study of the alterations of normal physiology in pathological conditions of the human body. Three hours lecture and two hours demonstration/discussion per week. Prerequisites: BI 111, 112; CH 13, 113 or 116.

**129. BIOLOGICAL AND GENETIC CONSIDERATIONS OF SEX DIFFERENCES. (1)**

See WS/BI 129.

**131. ORIGINS OF LIFE. (1)**

An historical survey of concepts dealing with the origins of life followed by a detailed analysis of current theories of chemical evolution leading to primitive life forms. One hour lecture per week. Prerequisites: BI 12 or 13, and CH 13, 113 or 116.

**141. BIOCHEMISTRY (3)**

An introduction to the chemical and molecular aspects of living organisms. Three hours lecture per week. Prerequisites: BI 12, CH 113, or 116 and 117 in progress.

**142. BIOCHEMISTRY LABORATORY. (1-2)**

A study of natural products, metabolism and instrumentation. Prerequisites: BI 12, CH 113 or CH 117, BI-CH 141 or concurrently. Laboratory three to six hours per week.



**144. CELL BIOLOGY. (4)**

A consideration of the relationship between structure and function on the cellular and subcellular level. Three hours lecture and two and one-half hours laboratory per week. Prerequisites: BI 12, 13, or 111 and CH 11, 13, 113 or 117.

**146. GENERAL MICROBIOLOGY. (4)**

Morphology, physiology, and growth of microorganisms; beneficial and harmful relationship of microorganisms to man; techniques of isolation and cultivation. Lectures 3 hours, lab 2 and one-half hours per week. Prerequisites: BI 12, 13, or 111 and CH 11, 13, 113 or 117.

**147. PATHOLOGICAL MICROBIOLOGY. (4)**

The salient characteristics of bacteria and fungi associated with diseases of man. Three hours lecture, two and one-half hours laboratory per week. Prerequisite: BI 146.

**148. IMMUNOLOGY. (4)**

A study of antigens, antibodies, and cell-mediated immunity; immediate hypersensitivities; autoimmune diseases. Lectures three hours, two and one-half hours laboratory per week. Prerequisites: BI 12, 13, or 111 and CH 11, 13, 113 or 117.

**151. GENERAL PHYSIOLOGY. (4)**

An investigation into the physio-chemical principles underlying animal and plant physiology. Prerequisites: (one of these may be taken concurrently) BI 12 and 13 (or consent of instructor); CH 13, 113 or 117 (or consent of instructor). Lecture three hours, laboratory two hours.

**161. DEVELOPMENTAL ANATOMY. (4)**

A detailed study of animal embryology with emphasis on vertebrates. Three hours lecture, two hours laboratory per week. Prerequisite: BI 12.

**165. COMPARATIVE ANATOMY. (5)**

A detailed study of representative chordate anatomy. Three hours lecture, six hours laboratory per week. Prerequisite: BI 12.

**172. GENERAL ECOLOGY. (3-4)**

A detailed study of relationships between plants, animals and their environments. Two hours lecture, two hours laboratory per week. Four hours credit may be obtained upon presentation of a satisfactory term paper or completion of a field research problem, topic to be chosen by the student and subject to approval by instructors. Prerequisites: BI 12 or 13 or consent of instructor.

**175. FIELD BIOLOGY. (3)**

After classroom preparation and library research, the student would complete a study problem on a topic of his choice subject to instructor's approval on an extended field trip to a previously designated area. Three hours lecture per week. Field trip equivalent of science laboratory. Prerequisites: BI 12 or BI 13 and BI 114 or consent of instructor. Recommended: BI 172.

**191. PARASITOLOGY. (4)**

A discussion of the anatomy, life cycles, and pathological actions of human parasites. Two hours of lecture and two and one-half hours of laboratory per week. Prerequisite: BI 12.

**192. HEMATOLOGY. (4)**

A study of the formation, morphology, function and abnormalities of the formed elements of the blood. Consideration of the coagulated mechanism and the chemical components of blood plasma. Three hours lecture and three hours of laboratory per week. Prerequisites: BI 12 or 15.

**194. MEDICAL TERMINOLOGY AND INTRODUCTION TO PATHOLOGY. (3)**

Medical terms with reference to human anatomy, the disease process and an introduction to pathology. Prerequisite: BI 15 or 112.

**198. BIOLOGY SEMINAR. (1-3)**

Selected readings and discussion of topics in biological research. Emphasis on independent library study. Prerequisite: science major, twelve hours of upper division biology courses.

**199. BIOLOGY RESEARCH. (1-6)**

Individual student research project in laboratory. Prerequisite: science major and consent of the department.

**ED 195. TEACHING OF BIOLOGY IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.

# BUSINESS (BU)

The Department of Business provides students with professional knowledge and basic skills necessary to assume positions of administrative responsibility in a wide variety of areas, with concentrations in

Accounting

Business Education

Data Processing

Finance

Health Care Administration

Hotel-Motel Management

International Business,

emphasis on International Management

or Bilingual Office Administration

Legal Secretary

Lawyers' Assistant

Management

Medical Office Management

Medical Secretary

Medical Transcription

Personnel Administration

Retail Marketing

Secretarial Administration

Students may choose a major program in Business to obtain the following:

Bachelor of Arts Degree (Major in Business)

Associate of Arts Degree (Concentration in Business)

Certificate in special area of Business

All courses listed are applicable to the Bachelor of Arts Degree in Business, the Associate of Arts Degree in Business, and the Certificate Programs in Business.

All students majoring in Business must pass a proficiency examination for Business Mathematics, or take the course, BU 31, Business Mathematics, by the end of their first year in the department.

Students must maintain at least a "C" in all required major courses and in basic requirements.

## BACHELOR OF ARTS DEGREE (Major in Business)

### Basic Requirements:

BU 51,52	Principles of Accounting I, II	6 hrs.
BU 199	Internship in Business (or alternative)	6 hrs.
EC 41,42	Macro- and Microeconomics	6 hrs.
EC 171	Economics of Current Issues	3 hrs.
EN	English Writing Course	3 hrs.
Py 11	General Psychology	3 hrs.
	Area of Concentration (listed below)	33-48 hrs.
	Electives	53-68 hrs.
	Total	128 hrs.

### Area of Concentration:

- Accounting — BU 114, 131, 144, 149, 150, 151, 152, 153, 158, 163; EC 133, 148; MA 50 or 121.
- Business Education — BU 12 (or equivalent), 13, 22 (or equivalent), 111, 112, 113, 114, 121, 122, 131, 132, 151 (or 149), 153; EC 51. See Education section for requirements for secondary teacher education.
- Data Processing — BU 113, 114, 131, 132, 144, 146, 151 and 152 (or 149 and 150); EC 148, 161; MA 50; PL 13; PY/BU 118; COBOL I, II; and 5 data processing specialty courses.
- Finance — BU 144, 149, 153, 154, 155, 156; EC 142, 145, 148, 161, 191, 195; MA 50.
- Health Care Administration — BU 113, 131, 144, 146, 147; BI 194; MA 50; PY/SO 161; RS/PL 156; SO 11, 112.
- Hotel-Motel Management — BU 113, 114, 131, 132, 141, 143, 144, 146, 147, 149; 18 hours of Hotel-Motel Specialty Courses.
- International Business — Emphasis on International Management — BU 113, 144, 146; EC 131, 161; FR 13, 14, 16, 17, 132, 133 or SP 11, 12, 27, 125, 138, 142.
- International Business — Emphasis on Bilingual Office Administration — BU 12 (or equivalent), 22, 113, 121, 160; FR 13, 14, 16, 17, 132, 133 or SP 11, 12, 27, 125, 138, 142.
- Lawyers' Assistant — BU 13, 22, 111, 113, 114, 131, 132, 153, 160; 18 hours of Legal Specialty Courses.
- Management — BU 113, 114, 131, 132, 141, 144, 146, 147, 149, 160; EC 148; MA 50.
- Medical Office Management — BU 12 (or equivalent), 13, 22 (or equivalent), 111, 113, 114, 121, 131, 133, 160; BI 194; RS/PL 156; SO 112.
- Personnel Administration — BU 113, 144, 146, 147, 160; MA 50; PY/BU 118; PY 55, 188; PY/SO 161; SO 11, 153.
- Retail Marketing BU 113, 114, 131, 132, 141, 142, 143, 144, 146; AR 81; SO 11.
- Secretarial Administration — BU 12 (or equivalent), 13, 22 (or equivalent), 111, 112, 113, 121, 122, 131, 160.

**ASSOCIATE OF ARTS DEGREE (Major in Business)****Basic Requirements:**

BU 51, 52	Principles of Accounting I, II	6 hrs.
BU 98, 99	Field Experience (or alternative)	6 hrs.
EC 41, 42	Macro- and Microeconomics	6 hrs.
EN	English Writing Course	3 hrs.
PY 11	General Psychology	3 hrs.
	Area of Concentration (see below)	21-39 hrs.
	Electives as needed	—
	Total	64 hrs.

**Area of Concentration:**

- Accounting — BU 114, 131, 149, 150, 151, 152, 153, 158; EC 148.
- Data Processing — BU 113, 114, 131, 132, 144, 151 and 152 (or 149 and 150); EC 161; MA 50; PL 13; COBOL I, II; and 3 data processing specialty courses.
- Finance — BU 149, 155, 156; EC 145, 148, 161; MA 50.
- Health Care Administration — BU 113, 131, 144, 146, 147; BI 194; PY/SO 161; RS/PL 156; SO 11, 112.
- Hotel-Motel Management — BU 113, 131, 141, 144; 12 hours of Hotel-Motel Specialty Courses.
- International Business—Emphasis on International Management — BU 113, 144, 146; EC 131 or EC 161, FR 13, 14, 16, 17, 132, 133 or SP 11, 12, 125, 138, 142.
- International Business—Emphasis on Bilingual Office Administration — BU 12 (or equivalent), 22 (or equivalent), 113, 121, 160; FR 13, 14, 16, 17, 132, 133 or SP 11, 12, 27, 125, 138, 142.
- Legal Secretary — BU 13, 22 (or equivalent), 111, 113, 131, 132, 160; 9 hours of Legal Specialty courses.
- Management — BU 113, 114, 131, 132, 141, 144, 146, 160; EC 148.
- Medical Secretary — BU 12 (or equivalent), 13, 22 (or equivalent), 111, 113, 115, 131, 133; BI 194; EC 171; RS/PL 156; SO 112.
- Personnel Administration — BU 113, 146, 147; PY/BU 118; PY 55, 188; SO 11.
- Retail Marketing — AR 81; BU 113, 114, 131, 141, 142, 143, 144, 146.
- Secretarial Administration — BU 12 (or equivalent), 13, 22 (or equivalent), 111, 113, 121, 122, 131, 160.

**Conditions for Earning an Associate of Arts Degree:**

Students must complete at least 64 hours with a minimum grade point average of 2.0 (average grade of "C").

Students must complete final 18 hours at Avila including at least 9 hours of required courses in area of concentration.

Students must maintain at least a "C" in all courses required in area of concentration and in basic requirements.

**CERTIFICATE PROGRAMS IN BUSINESS****Basic Requirements:**

BU 51	Principles of Accounting I	3 hrs.
EN	English Writing Course	3 hrs.
PY 11	General Psychology	3 hrs.
	Area of Concentration (listed below)	27 hrs.
	Total	36 hrs.

**Area of Concentration:**

- Accounting — BU 52, 114, 131, 149, 150, 151, 152; EC 41, 42.
- Data Processing — BU 52, 114, 131, 144; MA 50; PL 13; 9 hours of Data Processing Specialty Courses including COBOL I, II.
- Finance — BU 155, 156; EC 41, 42, 145, 148, 161; MA 50.
- Health Care Administration — BI 194; BU 52, 113, 131, 144, 146; EC 41, 42; RS/PL 156.
- Hotel-Motel Management — BU 52, 113, 141, 144; EC 41, 42; 9 hours of Hotel-Motel Specialty Courses.
- International Business — Emphasis on International Management — BU 52, 113, 144, 146; EC 41, 171; FR 13, 14, 16, or SP 11, 12, 27.
- International Business — Emphasis on Bilingual Office Administration — BU 12 (or equivalent), 22 (or equivalent), 113, 160; EC 41, 171; FR 13, 14, 16, or SP 11, 12, 27.
- Management — BU 52, 113, 131, 141, 144, 146, 160; EC 41, 42.
- Medical Transcription — BI 194; BU 12 (or equivalent), 22 (or equivalent), 111, 113, 115, 131, 133; EC 41; RS/PL 156.
- Personnel Administration — BU 52, 113, 146, 147; EC 41; PY/BU 118; PY 55, 188; SO 11.
- Retail Marketing — BU 52, 113, 141, 142, 143, 144, 146; EC 41, 42.
- Secretarial Administration — BU 12 (or equivalent); 13, 22 (or equivalent), 111, 113, 121, 122, 131, 160.

**Legal Assistant Certificate**

BU 131, 132, and 4 Legal Specialty courses.

**Conditions for Earning a Certificate:**

Students must complete the English Writing course with a grade of "C" or better.

Students must take at least 50 percent of the 36 hours required for the Certificate Program in Business at Avila College.

**Minor in Business** — BU 41, 51, 52; EC 41, 42; and 3 hours of upper division business and/or economics.



**11. ELEMENTARY TYPEWRITING. (3)**

Correct keyboard technique, speed and accuracy building, tabulation, simple letters. I and II.

**12. INTERMEDIATE TYPEWRITING. (3)**

Continued development of the overall typewriting skill. Emphasis on correspondence, tabulations, manuscripts, and other business forms. Prerequisite: BU 11 or equivalent, I and II.

**13. ADVANCED TYPEWRITING. (3)**

Experience in typing more complex correspondence, tabulations, manuscripts, and secretarial projects. Prerequisite: BU 12 or equivalent. I.

**19. PRINCIPLES OF BUDGETING. (3)**

Introduction to terminology, concepts, and procedures of basic budgeting, accounting, and cost determination and control. Recommended for non-business majors. I.

**21. ELEMENTARY SHORTHAND. (3)**

Principles of Gregg shorthand with emphasis on reading and writing speed. I and II.

**22. INTERMEDIATE SHORTHAND. (3)**

Emphasis on building shorthand writing speed. Prerequisites: BU 21 or equivalent. I and II.

**31. BUSINESS MATHEMATICS. (3)**

Use of mathematical principles applied to consumer loans, markup and markdown, commissions and discounts, accounting computations, stocks and bonds, insurance, depreciation, and other business applications. I.

**41. INTRODUCTION TO BUSINESS. (3)**

Study of business and its environment, the various roles of business organizations, the relationship of business to government, the interdisciplinary approach to the management of the firm. I and II.

**51. PRINCIPLES OF ACCOUNTING I. (3)**

Introduction to the terminology, concepts, and procedures of modern accounting. Sophomore standing. I and II.

**52. PRINCIPLES OF ACCOUNTING II. (3)**

Continuation of BU 51. Accounting for partnerships, corporations, and branches. Introduction to cost accounting. Use of basic accounting theories as an aid to management. Includes the analysis and interpretation of financial statements. Prerequisite: BU 51. I and II.

**98, 99. FIELD EXPERIENCE I, II. (3, 3)**

On-the-job experience to supplement class work in a chosen area of concentration over 15 to 20 hours per week under the supervision of a training sponsor and a coordinator from the college. Students will increase their understanding of business by discussing and analyzing their experiences with fellow students and the coordinator. Required for Associate of Arts Degree in Business. I and II.

**111. SECRETARIAL PROCEDURES. (2-3)**

Comprehensive treatment of secretarial duties performed in modern business offices. I.

**112. BUSINESS MACHINES. (3)**

Realistic business problems and applications to develop competent operators of ten-key adding machines, printing and electronic calculators, duplicating machines, and dictation equipment. Prerequisite: BU 31 or equivalent. II.

**113. BUSINESS COMMUNICATIONS. (3)**

Summary of appropriate areas of communication theory followed by applications to business. Composition of specific types of business letters, interoffice communications, and reports from a management and human-relations approach. Prerequisite: English Writing Course. I and II.

**114. BUSINESS DATA PROCESSING. (3)**

Comprehensive treatment of the fields of data processing, computer systems and devices, basic programming elements and concepts of assembly level languages and higher level languages, principles applicable to the organization and management of the data processing department. I.

**115. MEDICAL TRANSCRIPTION. (1)**

Designed to provide high degree of skill and accuracy in transcribing medical correspondence, reports, and case histories. Prerequisite: BU 111. II.

**117. CAREER DEVELOPMENT. (3)**

See PY 117.

**118. ORGANIZATIONAL PSYCHOLOGY. (3)**

See PY 118.

**121. SHORTHAND TRANSCRIPTION I. (3)**

Designed to increase shorthand writing speed and to begin transcription skill building. Prerequisite: BU 22 or equivalent. I.

**122. SHORTHAND TRANSCRIPTION II. (3)**

Continuation of Shorthand Transcription I with emphasis on speed building in dictation and transcription. Prerequisite: BU 121. II.

**130. LAW FOR EVERYDAY LIVING. (3)**

Non-technical law course which covers areas of the law encountered in day-to-day activities. Selected topics discussed according to interest of class, including: contracts, wills, deeds, trusts, selection of jury, trial procedures, domestic relations, criminal law, landlord-tenant relations, debtor-creditor relations. I.

**131. BUSINESS LAW I. (2-3)**

Study of the legal aspects of contracts, agency and employment, commercial paper, personal property and bailments. I and II.

**132. BUSINESS LAW II. (3)**

Study of the legal aspects of sales, security devices, partnerships, corporations, real property, estates and bankruptcy, government and business. Prerequisite: BU 131. I and II.

**133. MEDICAL-LEGAL PROBLEMS. (1)**

Study of physician's legal responsibilities in the practice of medicine and assistant's legal relationship in this area. Understanding of legal relationship of physician and patient, Medical Practice Arts, malpractice, types of medical care and types of medical practice. I or II.

**134. FORMATION AND OPERATION OF BUSINESS ENTITIES. (3)**

Examination of Missouri corporation and partnership law to become familiar with concept of these entities. Preparation of various documents necessary for formation and continued operation of these business entities. Consideration of preparation of related documents, such as employment agreements, stock restriction agreements and qualifying in foreign jurisdictions. I.

**141. PRINCIPLES OF MARKETING. (3)**

Introduction to the principles and practices of marketing goods and services. Strategy and planning are emphasized, and the marketing concept given extensive treatment. I and II.

**142. PRINCIPLES OF ADVERTISING. (3)**

Introduction to the multidimensional role of advertising in our society. Emphasizing analysis of advertising as a form of communication and persuasion, as a component of our economic and social systems, and as a means of financing the mass media. II.

**143. PRINCIPLES OF SALESMANSHIP. (3)**

Principles and methods of effective personal selling, with emphasis on customer analysis and methods of sales presentations. I.

**144. PRINCIPLES OF MANAGEMENT. (3)**

Introductory course stressing basic principles of management applicable to any business, or to operating a department of government, a non-profit organization, a union, or a trade association. I and II.

**146. PERSONNEL ADMINISTRATION. (3)**

Study of the organization and operation of the personnel department. Consideration is given to planning and controlling the administration of personnel functions, including employee procurement, placement, training, job evaluation, wage administration, performance rating, health and safety. I and II.

**147. LABOR-MANAGEMENT RELATIONS. (3)**

In-depth study of the basic principles of labor-management relations and how these relate to everyday activities regarding contracts, grievance procedures, and arbitration. Discussion of the roles of the arbitrator, union representatives, and management in preparation for arbitration. I and II.

**148. CASE STUDIES IN MANAGEMENT. (3)**

Intensive analysis of business situations to evaluate these companies in the light of general conditions and of conditions within the company itself; to develop policies and plans for achieving set objectives; to organize personnel to carry out plans; to guide and maintain administrative organizations; to reappraise, and when necessary, alter objectives, policies and organization. Prerequisite: BU 144 or equivalent. I and II.

**149. MANAGERIAL ACCOUNTING. (3)**

Study of the principles of determination, responsibility, and control of costs. Emphasis on managerial use of cost information for planning and control. Cost-volume-profit-analysis; budgeting; systems design; job order costing; standard costing; and the contribution approach to decisions. Prerequisite: BU 52. I and II.

**150. COST ACCOUNTING. (3)**

Study of accounting for product and period costs. Emphasis on overhead variance analysis, overhead applications and reapportionment, process costing, variable costing, sales and product mix and yield variances, and joint costs. Prerequisite: BU 52. II.

**151. INTERMEDIATE ACCOUNTING I. (3)**

Review of the accounting process and financial statements. Study of investments, receivables, inventories, and liabilities. Prerequisite: BU 52. I and II.

**152. INTERMEDIATE ACCOUNTING II. (3)**

Study of the accounting for plant and equipment (acquisition, depreciation, and retirement), intangibles, long-term liabilities, stockholders' equity, and financial statement analysis. Prerequisite: BU 151. II.

**153. FEDERAL INCOME TAXATION. (3)**

Detailed discussion of the fundamental aspects of federal income taxation as applied to individuals. Gross income; adjusted gross income; exclusions from gross income; deductions — business and personal; capital gains and losses; and sales and other dispositions of property. I.

**154. TAX ACCOUNTING. (3)**

Comprehensive examination of the fundamental characteristics of federal income tax as applied to corporations and partnerships, the effect of income tax laws upon shareholders and partners, capital gains and losses, accrual and cash-basis taxpayers, the sale and disposition of property, and the splitting of income for the purpose of lowering income taxes. Prerequisite: BU 153. II.

**155. FINANCIAL MANAGEMENT. (3)**

A study of the theory and practice of capital budgeting, financial analysis, financial planning, asset management, cost of capital, dividend policy, and other activities of the financial manager. Prerequisite: BU 52. Alternate I.

**156. SECURITY ANALYSIS. (3)**

A study and analysis of securities, securities' markets and industries for the purpose of portfolio management and investment strategy. Prerequisite: EC 145. Alternate II.

**157. CASE STUDIES IN LABOR RELATIONS. (3)**

Provides a practical understanding of methods and procedures used in the handling of grievance cases, from the initial grievance through the arbitration stage. II.

**158. ADVANCED ACCOUNTING I. (3)**

An advanced study designed to develop ability in accounting for intercorporate relationships with one or more companies owning the majority stock of one or more companies either directly or indirectly. Prerequisites: BU 51, 52. I.

**159. ADVANCED ACCOUNTING II. (3)**

A study of special accounting topics including partnership accounting, consignments, installment sales, estates and trusts, fund accounting, liquidations and dissolutions. Prerequisites: BU 51, 52. II.

**160. OFFICE ADMINISTRATION. (3)**

Designed to prepare students to administer office functions: methods, equipment, systems, policies. I and II.

**162. PRINCIPLES OF REAL ESTATE. (3)**

Designed to assist those who seek a business career in the broad field of real estate and others who for personal reasons wish to obtain a clear understanding of the facts of real property ownership, as well as of the principal commercial and financial transactions involved in the ownership and transfer of real estate. II.

**163. AUDITING. (3)**

A course in the verification of records, valuations and analysis of accounts, and presentation of conditions as used by public accountants and internal auditors, including ethics, legal, and other aspects of the auditor's work. Prerequisites: BU 151, 152. II.

**164. FUNDAMENTALS OF TAX PREPARATION. (1)**

This course will include instruction in the preparation of individual and business tax returns, employment taxes and the professional duties and responsibilities of a tax preparer. I and II.

**173. BUSINESS ETHICS. (3)**

A basic survey of some contemporary business practices with discussion of such practices and relating such to proposed philosophical, theological and social criteria. See PL/RS 173

**197. CPS REVIEW I. (3)**

Comprehensive review of topics covered in CPS examination, including: environmental relations in business, business and public policy, economics and management. I.

**198. CPS REVIEW II. (3)**

Comprehensive review of topics covered in CPS examination, including: financial analysis and the mathematics of business, communications and decision-making, and office procedures. II.

**199. INTERNSHIP IN BUSINESS. (6)**

Two hundred (200) hours of work experience to be performed in a position approved by the department. Cooperatively administered by employer and faculty adviser. Comprehensive written report. Business majors of senior standing only. I and II.

**ED 195. TEACHING OF BUSINESS IN THE SECONDARY SCHOOL. (2)**

See ED 195 in Education section. I.

## CHEMISTRY (CH)

**Major:** CH 11 or 21, 22 and thirty semester hours in upper division chemistry including CH 116, 117, 121, 131, 132; PH 11, 12; MA 31, 112, or MA 16, 17 and 31.

**Minor:** CH 11 or 21 and sixteen semester hours, twelve of which should be in upper division chemistry.

**BIOLOGY-CHEMISTRY MAJOR**

- Biology: BI 12, 13, 116, 117, 144 and sixteen hours in one of the following areas of concentration:
  - Microbiology concentration: BI 141, 142, 146, 147, 148.
  - Anatomical-physiological concentration: BI 141, 142, 151, 161, 165.
  - Pre-medical concentration: BI 141, 142, 146, 151, 165.
- Chemistry: CH 11 or 21, 22, 116, 117, 121, 131, 132 and four hours of an upper division chemistry elective.
- Other requirements: MA 16, 17 and 31 or MA 31, 112; PH 11, 12.

**CHEMISTRY-MEDICAL TECHNOLOGY MAJOR**

A student may choose to major in Chemistry and Medical Technology in a five-year program. A Bachelor of Arts degree in chemistry will be received at the end of the fourth year and a Bachelor of Science degree in Medical Technology will be





granted upon completion of the fifth year. The following requirements must be met:

- BI 111, 112, 146, 147, 148, 191, 192, 194;
- CH 11 or 21, 22 and thirty hours of upper division chemistry including CH 116, 117, 121, 122, 131, and 132, 141, 192, 193, 194;
- MA 31, 112 or MA 16, 17 and 31;
- MT 14; PH 11, 12.

During the fifth year, the student will register for the MT 181-185 series. These courses will be taken at a hospital with which the college has an affiliation.

#### **PRE-MEDICAL**

See Pre-Medical section.

#### **NATURAL SCIENCE**

**Major:** BI 12 or 13; CH 11 or 21, 13 or 22; PH 11, thirty semester hours in upper division chemistry or biology.

No minor is offered in this area.

#### **SCIENCE EDUCATION**

Students preparing to teach chemistry on the secondary level major in chemistry and minor in secondary education (see requirements in Education section). For students interested in the teaching of science at the elementary level in a departmentalized school system, an area major in the natural sciences is recommended, together with the education courses required for a state teaching certificate

#### **11. GENERAL CHEMISTRY. (4)**

The basic theory of modern chemistry including studies of bonding, stoichiometry, gases, liquids, solutions, equilibrium, electrochemistry, and nuclear chemistry.

#### **13. INTRODUCTION TO ORGANIC AND PHYSIOLOGICAL CHEMISTRY. (4)**

Presents the structure and chemical properties of the different classes of organic compounds including alkanes, alcohols, alkenes, carboxylic acid derivatives, amines, carbohydrates, fats, nucleic acids and proteins, and applies these concepts to the chemistry of the human body. A terminal course for non-science majors. Prerequisites: CH 11 or 21 or consent of the instructor.

#### **15. MAN, CHEMISTRY AND SOCIETY. (3-4)**

An introductory course for non-science majors dealing with the fundamental concepts of chemistry and their application to such areas as consumer chemistry, food and drugs, environmental problems and biochemistry.

#### **16. INTRODUCTION TO PHYSICAL SCIENCE. (4)**

Essential elements of physics and chemistry for students not majoring in science.

#### **21. PRINCIPLES OF CHEMISTRY. (4)**

A more advanced course in general chemistry for those students with an adequate background in mathematics and chemistry. Includes such topics as bonding, molecular orbitals, gases, solutions, equilibrium, acids, bases, electrochemistry, and nuclear chemistry. Prerequisite: Consent of instructor.

#### **22. GENERAL CHEMISTRY. (4)**

A continuation of the basic theory of modern chemistry taught in CH 11 and 21 with an emphasis on inorganic chemical reactions, molecular structures and bonding. Prerequisite: CH 11 or 21 or consent of instructor.

#### **113. PRINCIPLES OF ORGANIC CHEMISTRY. (4)**

A terminal one-semester course dealing with the chemical and physical properties of the major classes of organic compounds including aliphatic and aromatic compounds, carbohydrates and proteins, with an introduction to spectra interpretation and mechanisms of organic reactions. Prerequisites: CH 11 or CH 21.

#### **116, 117. ORGANIC CHEMISTRY. (5, 5)**

Principles, laws and theories governing the formation and reactions of aliphatic and aromatic compounds. Prerequisite: CH 11 or 21.

#### **120. INSTRUMENTATION FOR THE BIOMEDICAL SCIENCES. (4)**

An introduction to the theory and operation of laboratory instruments which are commonly used in clinical chemistry. Prerequisite: CH 11 or 21.

**121. QUANTITATIVE ANALYSIS. (4)**

Principles and techniques of quantitative gravimetric and volumetric analysis. Prerequisite: CH 11 or 21.

**122. INSTRUMENTAL METHODS OF ANALYSIS. (4)**

Presents the instrumentation used in research laboratories including that used in spectroscopy, electrochemistry, radio-chemistry, chromatography and automated methods. Prerequisites: CH 11 or 21; CH 121 recommended.

**131, 132. PHYSICAL CHEMISTRY. (4, 4)**

A quantitative description of the macroscopic behavior of substances and the molecular basis for this macroscopic behavior including the topics of thermodynamics, kinetics, and quantum mechanics. Prerequisites: CH 11 or 21; MA 31.

**141. BIOCHEMISTRY. (3)**

Investigations of the chemical processes in living matter. Prerequisites: CH 11 or 21, CH 116 and 117 in progress, or CH 113.

**142. BIOCHEMISTRY LABORATORY. (1-2)**

A study of natural products, metabolism and instrumentation. Prerequisites: BI 12, CH 113 or CH 117, BI/CH 141 or concurrently. Laboratory three to six hours per week.

**151. ADVANCED INORGANIC CHEMISTRY. (3)**

Modern theory of molecular bonding and structure of inorganic molecules. Prerequisite: CH 22.

**161. ORGANIC QUALITATIVE ANALYSIS. (3)**

Identification of organic compounds by physical and chemical methods and an introduction to the interpretation of IR, NMR, UV and Mass spectra. Prerequisites: CH 11 or 21; CH 116 or 113.

**171. CHEMICAL LITERATURE. (1-2)**

An introduction to the use of the technical library and research facilities; practice in reference work and use of periodicals. Prerequisite: CH 11 or 21, CH 13, CH 113 or 116.

**191. INDEPENDENT CHEMICAL RESEARCH. (1-3)**

Research projects in areas of chemistry in which the student has a special interest. For both science and non-science majors.

**192-197. CHEMISTRY SEMINAR. (1)**

A discussion of current topics in chemistry which are of interest to persons majoring in science. Prerequisite: CH 11 or 21.

**198. CHEMISTRY RESEARCH. (1-3)**

Selected topics and student research projects designed for the major in chemistry. Prerequisite: Consent of the instructor.

**ED 195. TEACHING OF CHEMISTRY IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.

**DANCE (DA)**

No major is offered.

**Minor:** The student is required to complete eighteen hours in dance.

**16-19. CREATIVE MOVEMENT I, II, III, IV. (1, 1, 1, 1)**

These courses aim to bring the participant to a greater awareness of the body; to enable the student to correlate the various members of the body into a fruitful, aesthetically functioning whole; and to assist in discovering possibilities of communication of ideas through movement.

**20. STAGE DEPORTMENT IN MIME. (1)**

This course is designed for the person or actor who is interested in correct deportment, proper handling of the body, and stage movement; the basic principles of mime will flow from the class' investigation of movement.

**113. BALLET TECHNIQUE AND THEORY I. (2)**

Essentials of the classical ballet technique; exercises and combinations to develop skill and style. Two semesters recommended before Ballet II.

**121-124. CHARACTER DANCE: BALLET I, II, III, IV. (1, 1, 1, 1)**

Spanish, Scottish, Russian, French, and American Folk.  
Prerequisite: Consent of instructor.

**131-134. DANCE ENSEMBLE: BALLET I, II, III, IV. (2, 2, 2, 2)**

Preparation for and participation in culminating public performances.

**141. MODERN DANCE TECHNIQUE AND THEORY I. (1)**

Fundamentals of movement, analysis, and practice of action in space, time and dynamics are practiced. Theory, principles of dance explained, discussed, and studied. Two semesters recommended before Modern Dance II.

**142. MODERN DANCE TECHNIQUE AND THEORY II. (1)**

A further exploration and practice in the principles discovered in DA 141. Further training in technique and theory with some emphasis placed on improvisation and composition. Prerequisite: two semesters of Modern Dance I or consent of instructor.

**143. MODERN DANCE TECHNIQUE AND THEORY III. (1)**

For those advanced students who wish to perfect their technique and style with special emphasis on improvisation and composition. Prerequisite: Modern Dance I, II or consent of instructor.

**151, 152. MODERN DANCE COMPOSITION I, II. (1, 1)**

For those with a background in Modern Dance who wish to understand, practice and develop skill in the construction of both solo and group dance forms. Prerequisite: consent of instructor.

**161, 162. MODERN IMPROVISATION I, II. (1, 1)**

Methods that develop a creative response to oneself, situations, and environment; enables one to seek out the very fibers of movement, to explore all possibilities of the creative process. Prerequisite: consent of instructor.

**171-174. MODERN DANCE ENSEMBLE I, II, III, IV. (2, 2, 2, 2)**

Preparation for and participation in culminating public performance, at times with Professional Modern Dance Company. Prerequisite: consent of instructor.

**175. BALLET TECHNIQUE AND THEORY II, III. (1, 1)**

Advanced training in classical ballet technique; exercises to develop skill and style. Prerequisite: two semesters of Ballet I or consent of instructor.

**176-179. BALLET POINTE I, II, III, IV. (1, 1, 1, 1)**

Class devoted to perfecting the art of dancing on pointe. Prerequisite: consent of instructor.

**181. MODERN JAZZ TECHNIQUE AND THEORY I. (1)**

Fundamentals of modern jazz with much practice in basic movements and exercises; warm-ups, rhythmic exercise and movement in space.

**182. MODERN JAZZ TECHNIQUE AND THEORY II. (1)**

For those with Modern Jazz experience. Continued basic techniques, rhythmic exercise, exploring movement in space, time, and force. Jazz dances and routines. Prerequisite: two semesters Modern Jazz I or consent of instructor.

**183. MODERN JAZZ TECHNIQUE AND THEORY III. (1)**

Advanced work in exploration of space, time, and force with emphasis on routines, choreography, and composition. Prerequisite: Modern Jazz I, II or consent of instructor.

**184-187. MODERN JAZZ ENSEMBLE I, II, III, IV. (2, 2, 2, 2)**

Preparation for and participation in culminating public performance, at times with a Professional Modern Jazz Company. Prerequisite: consent of instructor.

## EARTH SCIENCE (ES)

No major or minor is offered.

**11. EARTH SCIENCE. (4)**

Study of the physical and historical aspects of geology, plus weather and astronomical relations of the earth. Laboratory study of minerals, rocks, maps, and fossils.

## ECONOMICS (EC)

**Major:** 30 hours required for major including the following: EC 41, 42, 133, 141, 142, 171, 199 and 9 hours in upper division economics; BU 51, MA 50, PY 11 and an English writing course.

**Minor:** EC 41, 42, 171 and 9 semester hours of upper division economics.

All students majoring in Economics must pass a proficiency examination for Business Mathematics, or take the course, BU 31. Business Mathematics, by the end of their first year in the department.

**41. PRINCIPLES OF MACROECONOMICS. (3)**

Examination of the components of aggregate demand; consumption, investment, government and net exports; monetary and fiscal policy; inflation and unemployment; national income accounts; international trade and economic growth. Sophomore standing. I and II.

**42. PRINCIPLES OF MICROECONOMICS. (3)**

Study of utility and consumer demand; costs and producers supply; market equilibrium; different market structures and profit-maximizing price decisions; demand for and supply of factors of production; economic regulation and comparative economic systems. I and II.



**51. PERSONAL FINANCE. (3)**

Course in which student studies personal budgeting, credit instruments, insurance, social security, annuities, pensions, investments, home ownership, taxes, and estate planning. I and II.

**129. CONSUMERISM. (3)**

Designed to introduce the student to the difficulties the consumer faces as he tries to make wise choices among a host of alternatives. Provides an understanding and appreciation of the role of and the problems faced by the ultimate consumer of goods and services. II. See WS 129.

**131. INTERNATIONAL ECONOMICS. (3)**

Survey course emphasizing the economic theory and practice of foreign trade and exchange, and the political problems which automatically accompany them. Prerequisites: EC 41, 42, Alternate II.

**133. QUANTITATIVE ANALYSIS FOR BUSINESS AND ECONOMICS. (3)**

This course seeks to prepare students with the quantitative analysis needed to apply theoretical principles to actual situations in Business and Economics and to aid them in competing more effectively for advanced degrees. To these ends this course combines functional analysis, derivatives, limits, matrix algebra, input/output analysis and elements of linear programming. Prerequisites: BU 51 and 52, and EC 41 and 42 for Business Majors; BU 51 and EC 41 and 42 for Economics Majors; and MA 16 for both Majors.

**135. ECONOMIC GROWTH AND DEVELOPMENT. (3)**

Study of economic growth and development in industrialized and underdeveloped countries. Emphasis on problems of development, economic growth models and growth and development policy. Prerequisites: EC 41, 42. Alternate I.

**137. URBAN ECONOMICS. (3)**

Study of the factors determining urban growth, urban decay, economic activity, and economic diversification, using basic economic concepts and principles. Prerequisites: EC 41 and 42. Alternate I.

**139. LABOR ECONOMICS. (3)**

Study of labor as a factor of production, determination of wages, unionism, general characteristics of labor legislation, and the labor theory of value. Prerequisites: EC 41 and 42. Alternate I.

**141. INTERMEDIATE MACROECONOMIC ANALYSIS. (3)**

Study of the determinants and measurements of national income and the forces determining the level of economic activity. Emphasis on the theory of income determination and its application to public policy decisions. Prerequisites: EC 41 and 42. I.

**142. INTERMEDIATE MICROECONOMIC ANALYSIS. (3)**

Study of price and output decisions of firms in different types of market structures with emphasis on the evaluation of the enterprise system under varying degrees of competition. Prerequisites: EC 41 and 42. II.

**145. PRINCIPLES OF INVESTMENT. (3)**

Analysis and evaluation of the major types of investing media and the selection of the most suitable ones for the investor. Emphasis on the individual investor and his particular circumstances and needs. I and II.

**148. CORPORATE FINANCE. (3)**

Study of financing of business enterprises, with particular reference to the corporation. The development of the corporate form of organization in the U.S. is also surveyed. Prerequisites: BU 51, 52; EC 41, 42. I and II.

**151. COMPARATIVE ECONOMIC SYSTEMS. (3)**

Analysis of significant similarities and differences in the leading economic systems in the modern world. Prerequisites: EC 41, 42. Alternate II.

**161. MONEY AND BANKING. (3)**

Investigation of the complex money and credit structure, various types of money and credit, banking structure, Federal Reserve System, foreign exchange, price levels, and economic stability. Prerequisites: BU 51; EC 41, 42. I and II.

**171. ECONOMICS OF CURRENT ISSUES. (3)**

Study of the relationship of business to society by examining the social responsibility of business in areas such as technology, the urban community, less-advantaged citizens, ecology, etc. Multinational business as an agent of social change and productivity. Prerequisites: EC 41, 42. I and II.

**181. HISTORY OF ECONOMIC THOUGHT. (3)**

Analysis of basic concepts of economic thought from Aristotle to John Maynard Keynes; their historical sources and significance. Alternate I.

**189. SPECIAL TOPICS. (3)**

Selected topics in theoretical and applied economics to be determined at the discretion of the department. Topics may include: the economics of inflation, unemployment, economics of energy, econometrics, agricultural economics, etc. Prerequisites: EC 41 and 42. Alternate II.

**191. PUBLIC FINANCE. (3)**

Financing of government; the economic effect of various forms of taxes and other means of raising revenue for governmental operations. Prerequisites: BU 51; EC 42. Alternate I.

**195. SEMINAR IN FINANCE. (3)**

Presentation, discussion and research of current and specific problems of corporate finance. Business or economics majors of senior standing only. Alternate I.

**199. ECONOMICS SEMINAR. (3)**

Study of contemporary economic issues; emphasis on professional journals and research methods. Economics majors of senior standing only. Prerequisites: EC 141, 142. Alternate II.

# EDUCATION (ED)

## PRE-SCHOOL EDUCATION: MONTESSORI

**Major:** Hours in education: ED 121 or 141, 151, 163, 186, 187, 189, 190, and 196.

No minor is offered.

## ELEMENTARY EDUCATION

**Major:** Hours in education: ED 121, 122, 141, 151, 163, 186, 191, and 196.

## SPECIAL EDUCATION

**Major in Mental Retardation:** The following courses are required: ED 121, 122, 136, 141, 151, 156, 163, 166, 168, 170, 176, 186, and 196.

### Major in Emotional Disturbance and Learning

**Disabilities:** The following courses are required: ED 121, 122, 136, 141, 151, 156, 163, 166, 167, 169, 176, 186, and 196.

A student may be certified in all three areas of Special Education by taking the courses in both areas (MR, ED and LD).

## SECONDARY EDUCATION

No major is offered. Students preparing to teach on the secondary level major in the teaching field and minor in secondary education. This minor includes requirements for state teaching certificate.

**Minor:** The following courses are required: ED 121 or 123 or 141, ED 122, ED 163, ED 181 or 186, ED 193, ED 195, ED 196.

**Formal, approved admission to ANY Teacher Education Program is earned by successful completion of eight hours in Education courses; a three credit supervised practicum, ED 122 (preferably in the Freshman semesters); and the accompanying testing sequence.**

### 16. CHILDREN'S LITERATURE. (2)

Types of children's books; criteria for selection and evaluation of these books; relation of reading to children's needs, abilities, and interests. I and II.

### 121. HUMAN GROWTH AND DEVELOPMENT. (3)

A detailed study of the main patterns of growth and development of the person over the life span; emphasis on the social, intellectual, emotional and professional development of the person. I and II. See PY 121.

### 122. PRACTICUM. (3)

Elementary, M.R., ED/LD and secondary depending on major. I and II.



**123. ADOLESCENT PSYCHOLOGY. (3)**

Detailed study of adolescent behavioral patterns; stress on adjustment, identification, intellectual phenomena; physiological and cultural pressures; the choice of a career. Practical observations. I. See PY 123.

**125. CREATIVE TEACHING FOR THE PRE-SCHOOL AND ELEMENTARY CHILD. (3)**

Course designed to develop skills and abilities to teach pre-school children creatively; a blend of activities is used: art, literature, music, drama, science, mathematics in a programmed series to help develop the full potential of the child. I.

**128. EARLY CHILDHOOD LITERATURE AND MUSIC. (3)**

A study of and practical experience with the literature and music that can be used with children from pre-school through primary grades. II.

**136. SPEECH AND LANGUAGE PROBLEMS OF EXCEPTIONAL CHILDREN. (3)**

Exploration of speech problems associated with exceptional children; normal speech development; mechanisms of speech; indications for referral. I.

**140. PSYCHOLOGY OF LEARNING. (3)**

See PY 140.

**141. EDUCATIONAL PSYCHOLOGY. (3)**

Application of psychological principles to the field of education; nature of the learning process; motivation devices; evaluation of learning. I and II.

**146. PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. (2)**

Total fitness program directed toward the elementary school child; methods of evaluating fitness; organization of programs of physical education based upon sound principles of human growth and development. I and II.

**151. TEACHING OF READING IN THE ELEMENTARY SCHOOL. (3)**

Objectives, methods, and techniques of teaching reading in the elementary school; place of reading in the curriculum; use of phonics; summary of currently used methods. I and II.

**156. READING PROBLEMS: EXCEPTIONAL CHILDREN. (3)**

Selection of methods and materials designed to aid children with various problems in learning to read; emphasis upon typical problems; diagnosis and remediation procedures. Prerequisite: ED 151. I.

**156. READING PROBLEMS: SECONDARY SCHOOL. (3)**

Selection of methods and materials designed to aid students with various reading problems, emphasis upon typical problems in the secondary school; diagnosis and remediation procedures. I.

**161. TEACHING OF SCIENCE IN THE ELEMENTARY SCHOOL. (2)**

Organization of the science program in the elementary school and its place in the curriculum; opportunities for experience in laboratory and field work.

**163. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3)**

Investigation of atypical children; description of various types of exceptionality; educational and social provisions; problems; general current remediation procedures. I and II. See PY 163.

**166. PARENT COUNSELING FOR TEACHERS. (3)**

Methods in the conferencing situation; emphasis upon parent attitudes; insight into the development of the child in direct and indirect ways; methods of helping parents to change child behavior. I. See PY 166.

**167. CURRICULUM, METHODS, AND MATERIALS FOR EXCEPTIONAL CHILDREN: LD and ED. (4)**

Selection and application of appropriate procedures, methods, and techniques applicable for teaching exceptional children; experience in the construction of appropriate educational materials; directed observation of their use with children. Prerequisite: ED 169. II.

**168. CURRICULUM, METHODS, AND MATERIALS FOR EXCEPTIONAL CHILDREN: M.R. (4)**

Same course content as ED 167, except with reference to mentally retarded children. II. Prerequisite: ED 170.

**169. CHARACTERISTICS OF EXCEPTIONAL CHILDREN: LEARNING DISABILITIES AND EMOTIONAL DISTURBANCE. (4)**

Exploration of the characteristics of the exceptional child with an emphasis upon identification, diagnosis, and remediation procedures in the classroom and in other social situations. I. Prerequisite: ED 163.

**170. CHARACTERISTICS OF EXCEPTIONAL CHILDREN: MENTAL RETARDATION. (3)**

Same course content as ED 169, except with reference to mentally retarded children. I. Prerequisite: ED 163.

**171. FUNDAMENTALS OF GEOGRAPHY. (3)**

Basic geographical concepts; methods of teaching geography at the elementary school level. I and II.

**173. HEALTH EDUCATION. (2)**

An overview of the philosophy, organization, and activities of community health including the school health program; exploration of the major health issues of contemporary concern in school and community. I and II.



**175. INSTRUCTIONAL MEDIA. (3)**

Classroom, laboratory, and community experiences designed to provide knowledge and skill in the selection, production, and presentation of instructional media appropriate to age level, individual differences, and subject area. I.

**176. TESTS AND MEASUREMENTS. (3)**

Administration and interpretation of psychological and achievement tests; evaluation of specific measurement instruments and their use in the school. I. See PY 176.

**177. BEHAVIOR MANAGEMENT TECHNIQUES FOR PARENTS AND TEACHERS. (3)**

Methods of behavioral control for learning both academic and social behavior; utilizes principles of operant conditioning; helpful for parents and teachers. II.

**179. ELEMENTARY SCHOOL ORGANIZATION AND MANAGEMENT. (3)**

Study of the organization of subject matter for various grade levels; methods of classroom procedures and management principles; relation to administrative personnel; practicum. I, II.

**180. PERCEPTUAL MOTOR TRAINING. (3)**

Study of children evidencing gross motor, fine motor, and sensory motor disabilities; characteristics; diagnosis; prescriptive programming. II.

**181. SECONDARY SCHOOL ORGANIZATION AND MANAGEMENT. (3)**

Study of the organization of subject matter for various secondary levels; classroom procedures and management principles; relation to administrative personnel; practicum. II.

**186. FOUNDATIONS OF EDUCATION. (3)**

An independent study course open to juniors and seniors preparing to teach; directed readings in four areas; history of education, philosophy of education, current trends, problem areas in education; discussion sessions. I, II.

**187. PHILOSOPHY OF MONTESSORI. (3)**

Review of the philosophy which is the background of Montessori education; applications in observation periods and use of materials. Begins early August.

**188. MONTESSORI THEORY. (1-2)**

A one-week workshop in the theory of Montessori education for interested persons not planning to complete the training course. Begins early August.

**189. MONTESSORI METHODS I AND II. (10)**

Extended study of Montessori theory including the pre-school child's care and development; learning through experience and self-directed activity; educational procedures; prepared environment for the formation of the individual. Observation, practice, and preparation of materials. I and II. Prerequisites: ED 187 and ED 190. Begins early August.

**190. PSYCHOLOGY OF MONTESSORI. (3)**

Study of the psychological development of the pre-school child with a view to understanding the basis of the Montessori method of teaching; application in observation periods and use of materials. Begins early August.

**191. GENERAL METHODS AND OBSERVATION IN THE ELEMENTARY SCHOOL. (4)**

Steps in lesson preparation and planning at different levels of the elementary school; actual observation of the teaching-learning process in preparation for the formal student teaching assignment. II.

**193. GENERAL METHODS AND OBSERVATION IN THE SECONDARY SCHOOL. (4)**

Steps in lesson preparation, planning, and presentation; selection and application of appropriate procedures, methods, and techniques; actual observation of the teaching-learning process in preparation for the student teaching assignment. I.

**194. TEACHING AND LEARNING METHODOLOGIES. (3)**

This course will provide the students with the basic educational tools necessary for course development and implementation. Includes study of taxonomic levels, behavioral objectives and selection of instructional methods.

**195. SPECIAL METHODS OF TEACHING SECONDARY SCHOOL SUBJECTS. (2)**

This course is offered by the departmental staff of the student's major field and includes methods and procedures special to that area of secondary teaching. I or II.

**196. STUDENT TEACHING: PRE-SCHOOL; ELEMENTARY; SPECIAL; SECONDARY. (8)**

Professional laboratory experience in a classroom setting; supervision and guidance shared between the cooperating teacher and the college supervisory staff. By arrangement two months in advance of registration date. Prerequisites: major and minor requirements completed. I and II.

**199. SEMINAR IN EDUCATION. (3)**

Independent study and research; individual guidance in basic research techniques; writing of extensive research paper. Restricted to full-time seniors. I and II.

## GRADUATE COURSES IN EDUCATION (ED)

### 474. DIAGNOSTIC TESTING AND EVALUATION. (3)

Studies the role of diagnostic testing and evaluation in education today; evaluation as a method of improving learning and teaching; use of diagnostic testing as a resource for quality evaluation; applications are made to preschool, exceptional, elementary and secondary education. Summer.

### 476. EDUCATIONAL ASSESSMENT. (3)

Analysis and study of assessment as related to academic functioning; formal and informal assessment to aid in diagnosis and treatment of learning problems occurring in special education, mainstreaming, or individualized classroom settings; students administer and interpret several current assessment instruments. II.

### 477. BEHAVIOR MANAGEMENT. (3)

A study of the theory and current research on behavior management in classroom and related settings; each student designs and implements an experiential project, using current research procedures. I.

## ENGLISH (EN)

**Major:** EN 15 and 28. Thirty hours of upper division English in a wide area of courses including EN 199.

**Minor:** EN 15 and 28. Eighteen hours in upper division English in a broad area of courses to be chosen with the approval of the minor advisor.

A major or minor in English is an excellent preparation for law school.

### Requirements:

Successful completion of the following:

1. the Comprehensive Examination at the conclusion of EN 199, Seminar,
2. the three-hour written essay examination of specified works of literature,
3. the half-hour oral examination before members of the English Department, and
4. the Graduate Record Examination.

These requirements for a major in English are meant to test the students' 1) general grasp of movements and works of literature, 2) ability to write clearly and to attack independently a piece of literature, 3) ability to speak about literature with some degree of sensitivity and knowledge, and 4) rank with other college students of English across the nation.

### 15. FUNDAMENTALS OF WRITING I. (3)

Through extensive practice in writing of varied forms, this course aims to meet the personal and professional needs of the student. Along with a more mature study of writing skills, there will be much practice in the writing of business correspondence, expository or theme writing, research projects, and informal communication. Where instruction is needed in basic skills such as sentence structure, diction, paragraphing, usage, punctuation, this will be provided. Skills of the research paper are included in the semester course. Readings will be selected according to class needs.

### 28. FUNDAMENTALS OF WRITING II. (3)

Continued opportunities to express self through written communication. Course aims to develop clear and intelligent expression on all levels of communication. Emphasis on a more mature style of writing. Basic writing skills, research paper techniques, and readings will be included, depending upon the needs of the students in the class.

### 29. TECHNICAL WRITING. (3)

This course is designed primarily for students in the science and allied health programs. Emphasis will be on the well-written scientific paper which requires organization and appropriate language within that organization.

### 111. ADVANCED WRITING. (3)

Readings in American writers of the Southern region, including Faulkner, William Hellman, Stark Young, Allan Tate, William Crowe Ransom, Robert Penn Warren. Advanced skills in writing will be stressed.

### 113. HUMAN RELATIONSHIPS IN CONTEMPORARY FILM. (3)

Viewing of contemporary films followed by discussion. Exploration of man's problems and conflicts as seen in personality, environment, and society. Attempt to develop intelligent and critical evaluation of films.

### 115. CREATIVE WRITING. (3)

Practice in the techniques of writing poetry, drama, and short stories.

### 116. MYTHOLOGY. (3)

Wide reading and discussion of various mythologies of the world as a background for the understanding and appreciation of literature. Emphasis on Greek mythology and literature.

### 117. WORLD CLASSICS. (3)

Analysis of selected masterpieces from the Greeks to the present, including the study of *The Oresteia*, *The Misanthrope* and *Crime and Punishment*, among others.

### 119. DEVELOPMENT OF THE NOVEL. (3)

Historical development of the English novel from the 1700's to the Victorian Period. Emphasis on early techniques beginning with Richardson, Fielding and Sterne, among others. Much background information.

**121. GREAT EPICS OF THE WORLD. (3)**

Reading and discussing of the great epics of all times: *The Iliad*, *The Odyssey*, *El Cid*, *Bhagavad-Gita*, *Beowulf*, *The Song of Roland*, *Nibelungenlied*, *The Inferno*, and *Paradise Lost*. Better understanding of world cultures and peoples through appreciation of both the hero in epical literature and the rich tradition of each country. Guest lecturers.

**123. PSYCHOLOGICAL ASPECTS OF THE NOVEL I. (3)**

Reading and discussion of nine significant novels: *The Great Gatsby*, *The Sun Also Rises*, *The Sound and the Fury*, *Portrait of the Artist*, *Portrait of a Lady*, *Ethan Frome*, *The Power and the Glory*, *Wuthering Heights*, and *Catcher in the Rye*. Reading for pleasure and understanding. Stress on psychological motivations as a tool for discovery of self.

**125. PSYCHOLOGICAL ASPECTS OF THE NOVEL II. (3)**

Reading and discussion of nine major novels: *A Farewell to Arms*, *Light in August*, *Main Street*, *Candide*, *Ulysses*, *The Scarlet Letter*, *The Heart is a Lonely Hunter*, *Don Quixote*, and *My Antonia*.

**129. IMAGES OF WOMEN IN LITERATURE (3)**

See WS/EN 129.

**131. SURVEY OF AMERICAN LITERATURE I. (3).**

Two Semesters. This first semester will include the literature of the Colonies and the Revolution, The New Nation, and the New England Renaissance.

**132. SURVEY OF AMERICAN LITERATURE II. (3)**

This second semester will continue with the literature at the turn of the nineteenth century and the beginning and middle of the twentieth century. Writers will include Anne Bradstreet, Benjamin Franklin, Washington Irving, and Hawthorne in the first part. The second part will cover Walt Whitman, Robert Frost, Langston Hughes, and John Updike.

**136. PLAYWRITING. (3)**

Basic techniques of writing for the stage. Prerequisite: Consent of instructor. See ST 136.

**141. AMERICAN DRAMA. (3)**

See ST 141.

**143. ISSUES IN THE CONTEMPORARY NOVEL. (3)**

Discussions in panel sessions and written reports and reviews of a particular ethnic group and also of a regional community.

**145. MODERN EUROPEAN DRAMA. (3)**

Reading and interpreting plays of modern dramatists: Ibsen, Shaw, Pirandello, Eliot, Sartre, Beckett, Pinter, Ionesco, among others. See ST 145.

**148. CONTEMPORARY POETRY. (3)**

Study, analysis, and interpretation of a selected number of modern and contemporary poets; emphasis on modern techniques.

**150. CHAUCER. (3)**

The course in Chaucer will be a study of both the language and the literature: Middle English and *The Canterbury Tales*. There will also be outside reading from articles in learned journals concerned with the early development of the English language and the background and other writings of Chaucer.

**155. SHAKESPEARE: TRAGEDIES. (3)**

Reading and analysis of Shakespeare's plays. Emphasis on interpretation and dramatic qualities. See ST 155.

**157. SHAKESPEARE: COMEDIES AND HISTORIES. (3)**

Reading and analysis of Shakespeare's plays. Emphasis on interpretation and dramatic qualities. See ST 157.

**160. RENAISSANCE POETRY. (3)**

Major Renaissance poets, including the study of Shakespearean Sonnets. Reading of other major Renaissance poets: Herbert, Donne, Herrick, Crashaw, Traherne, among others.

**165. RESTORATION AND 18TH CENTURY. (3)**

Study and analysis of major writers: Pepys, Defoe, Dryden, Pope, Swift, Addison, Steele, Johnson, and Boswell.

**170. ROMANTIC AND VICTORIAN WRITERS. (3)**

Reading and appreciation of major writers of the periods: Byron, Wordsworth, Coleridge, Shelley, Keats, Lamb, Tennyson, Browning, Arnold, Newman, Thompson, Hopkins, and Hardy.

**ED 195. TEACHING OF ENGLISH IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.

**197. INDEPENDENT STUDY. (1-3)****199. SEMINAR. (3-5)**

Selected topics for both review and depth study. The course is required for English majors. The final examination in the Seminar fulfills the objective section of the Senior Comprehensive.





## FRENCH (FR)

**Major:** FR 11, 12, 16, 17 or their equivalent; 30 semester hours in upper division French.

**Major in French with a minor in Business:** (Emphasis on International Business or Bilingual Office Administration). Same as major in French plus FR 132, 133. See Business (BU) section for required minor courses.

In fulfillment of the academic requirements for a degree in French, the French major may choose either a comprehensive examination in French literature or completion of a project relative to French culture and civilization.

**Minor:** FR 11, 12, 16, 17 or their equivalent and 15 hours in upper division French.

**Special Program in French for International Business:**

Any one of three courses in basic French: FR 11, 13 or 14 (or their equivalent) plus: FR 16 (or 122); FR 17 (or 131); FR 132 and FR 133.

### 11, 12. FUNDAMENTAL FRENCH. (3,3)

This course in elementary French is designed not only for those who have never studied a foreign language, but also for students who wish a basic grammar review with added practice in speaking.

### 13. DESTINATION PARIS. (3)

A beginning conversation course designed for students at the elementary level who seek a basic command of spoken French together with some insight into contemporary life in France. Prerequisite, FR 11 or its equivalent.

### 14. AMERICANS ABROAD. (3)

An exciting and useful preparation for travelers and persons engaged in international business and commerce.

### 16, 18. CONVERSATION. (3,3)

A course in conversational French which offers the intermediate student many opportunities for oral practice and self-expression in French.

### 17. COMPOSITION. (3)

This course provides ample practice in the use of structural elements, gradual expansion of vocabulary and development of writing techniques.

**111. PRONUNCIATION. (3)**

This different and practical approach to learning French pronunciation enables the student to achieve a near-native accent in a surprisingly short time.

**120. FRENCH HISTORY. (3)**

Historical figures come alive in this survey of French history which highlights personalities rather than events. The course provides an invaluable background for the study of French civilization and literature.

**121. CIVILIZATION. (3)**

This study emphasizes the social, cultural, political, and intellectual development of the French people from the Middle Ages through the nineteenth century.

**122, 123. ADVANCED CONVERSATION. (3,3)**

These courses aim to develop more spontaneous oral communication. Constant use of French rapidly improves students' facility in the language.

**124. SEMINAR: SPECIAL PROBLEMS. (3)**

A concentrated study of advanced grammar and its practical application in oral and written French.

**129. WOMEN IN FRENCH LITERATURE. (1)**

An introduction to the roles of women as represented in French literature. Both historical and contemporary aspects will be studied. This course will be taught in English. See WS 129.

**131. ADVANCED COMPOSITION. (3)**

This course has a dual purpose; to introduce the student to the more sophisticated syntactical patterns of the language and to expand vocabulary, thus developing more free expression and creativity in writing.

**132. FRANCE TODAY. (3)**

Glimpses of contemporary France as seen through current French periodicals and newspapers. Readings focus on various aspects of contemporary civilization as it affects both France and the world.

**133. PROFESSIONAL AND COMMERCIAL FRENCH. (3)**

This course will introduce the language and/or business student to a special vocabulary including terms relative to accounting, banking, investments, labor-management procedures, etc.

**140. SURVEY OF LITERATURE. (3)**

An introduction to poetry, prose and drama, tracing the development of each genre from the Middle Ages to the present.

**141-162. FRENCH LITERATURE. (18)**

Selected readings of significant authors representative of each century. The courses in French literature are offered in sequential block form i.e., a student may select two courses per semester, but the centuries under study will be taken consecutively, not simultaneously.

**141. MEDIEVAL LITERATURE. (3)**

Readings include selections from all the literary forms of the Middle Ages; the chansons de geste, l'esprit courtois, satire, lyric poetry and drama.

**142. RENAISSANCE LITERATURE. (3)**

A study of the major Renaissance authors: Marot, Rabelais, Ronsard, DuBellay, Montaigne.

**151. SEVENTEENTH CENTURY LITERATURE. (3)**

Analysis of French classical literature with readings from Corneille, Moliere, Racine and other major authors.

**152. EIGHTEENTH CENTURY LITERATURE. (3)**

Study of the representative works of the period with special emphasis on Voltaire, Montesquieu, Rousseau, Marivaux, and Beaumarchais.

**161. NINETEENTH CENTURY LITERATURE. (3)**

Study of the major trends in nineteenth century literature: romanticism, realism, and symbolism.

**162. TWENTIETH CENTURY LITERATURE. (3)**

Study of the more important literary movements in modern France with readings from the major authors.

**196. STUDENT INITIATED COURSE. (2-3)**

The advanced student may choose any topic of particular interest and complete a concentrated study of a specific author, theme, or period.

**197, 198, 199. SEMINARS IN LITERATURE.**

**(2-3, 2-3, 2-3)**

Directed readings and an in-depth study of chosen authors from the seventeenth, nineteenth or twentieth centuries.

**ED 195. TEACHING OF FRENCH IN THE SECONDARY SCHOOL (THE AVILA ARTISANAT). (2)**

See ED 195 in the Education section.

**CULTURE CAPSULES TAUGHT IN ENGLISH/ MINI-COURSES. (1 to 4)**

These courses, taught in English, give the student an opportunity to experience a foreign culture and civilization without leaving the U.S.A. Students may earn from one to four hours credit in the humanities while enjoying an "armchair tour" of France.

**21. HIGHLIGHTS IN FRENCH HISTORY. (1)****22. THE FINE ARTS OF FRANCE. (1)****24. TRAVELVIEWS. (1)****25. CONTEMPORARY FRENCH CIVILIZATION. (1)****26. FRENCH CUISINE (3)**

A "Cordon bleu" tour of France for gourmets. Kitchen classes make French come alive. This course will be given in English.

# HISTORY (HI)

**Major:** Thirty-eight hours in history. Twenty-nine hours in upper division history including HI 151, 152, 154, 155, 199 and four of the following: HI 121, 122, 123, 124, 125. A minor in a related field is optional. As a partial fulfillment of the academic requirements for a degree in history each student takes a comprehensive and the Graduate Record Examination in history.

**Minor:** Eighteen semester hours of which twelve must be upper division history.

A major or minor in history is recommended as preparation for the study of law. Although no specific major is required for admission to most law schools, a background in history is helpful to students preparing to take a law school admission test.

## 11. ANCIENT AND MEDIEVAL HISTORY. (3)

Introductory study of periods of major significance in ancient and medieval history. Emphasis on historical method, readings in the sources, and class discussions.

## 12. MODERN EUROPE. (3)

Introductory study of periods of major significance in modern European history. Emphasis on historical method, readings in the sources, and class discussions.

## 15. CONTEMPORARY WORLD POLITICS. (3)

Study of specific problems in current international relations with attention to historical background and the concepts underlying international politics such as sovereignty and nationalism, power and security, and the balance of power. See PS 15.

## 17. AMERICAN HISTORY I. (3)

A topical approach to the effects of change on Americans throughout their history using the revolutionary heritage and the dream of opportunity as a basis for discussion.

## 18. AMERICAN HISTORY II. (3)

Continuation of HI 17 using the topics of minorities, growth of cities and global politics as the basis for discussion.

## 121. COLONIAL AMERICA. (3)

The founding of the colonies to 1787; political, economic, social and intellectual origins of the nation.

## 122. NATIONAL PERIOD OF AMERICAN HISTORY. (3)

America from 1787 to 1850; political, economic, social and intellectual interpretations in the years of "self-discovery."

## 123. CIVIL WAR AND RECONSTRUCTION. (3)

The United States from 1850 to 1877; the problem of slavery and the coming of the war; Reconstruction interpretations.

## 124. BUSINESS, REFORM AND WORLD WAR I. (3)

The United States from 1877 to 1920; a study of economic growth, the Progressive era, and the United States as a world power.

## 125. RECENT AMERICA. (3)

The 1920's to the present; political, economic and social aspects of the United States as a world leader; contemporary American thought.

## 127. HISTORY OF THE AMERICAN CITY. (3)

A study of the history of American cities in their evolution from commercial to industrial to diversified service centers; the problems of metropolitan areas today and their evolution in the history of American cities; and immigration as it affected the history of the city.

## 129. WOMEN'S LIBERATION MOVEMENT: A HISTORICAL PERSPECTIVE. (1)

See WS/HI 129.

## 151. RENAISSANCE AND REFORMATION. (3)

A study of the transition from Medieval to Modern civilization, with emphasis on cultural achievements, causes of religious disunity, the reformation and the counter-reformation.

## 152. THE OLD REGIME AND THE FRENCH REVOLUTION. (3)

Europe from the mid-17th to the early 19th century, with emphasis on absolutism, the Enlightenment, the French Revolution and Napoleon.

## 154. EUROPE IN THE NINETEENTH CENTURY, 1815-1914. (3)

The search for security in Europe after the French Revolution. Liberalism and social radicalism, nationalism and imperialism; the causes of the First World War.

## 155. EUROPE IN THE TWENTIETH CENTURY, 1914 TO THE PRESENT. (3)

The First World War and the adjustments to a new world. Liberal democracy versus Fascism and Communism. The Second World War and the Cold War.

## 158. HISTORY OF EUROPEAN THOUGHT. (3)

Study of the ideas that have helped to shape European history since the Renaissance. Readings from leading European thinkers including Machiavelli, Locke, Voltaire, Rousseau, Marx, Sartre, and others.

## 161. MODERN RUSSIA. (3)

Russia in the nineteenth and twentieth centuries. The growth of revolutionary thought and action, the Revolutions of 1905 and 1917, and the establishment and development of the Soviet regime.



**162. MODERN CHINA AND JAPAN. (3)**

Survey of traditional China and Japan; forces for modernization in the nineteenth century; political, economic and cultural aspects of the twentieth century.

**163. MODERN INDIA. (3)**

An introductory course dealing with Hinduism, the Islamic impact, British conquest, and contemporary India. Emphasis on the rise of nationalism, social organization, and contemporary life and history.

**198. UNITED NATIONS SEMINAR. (1)**

Study of the organization and operation of the United Nations with particular reference to current issues. Preparation for student participation in a Model United Nations.

**199. SENIOR SURVEY.**

In-depth review of European and American History.

**ED 195. TEACHING OF HISTORY IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.

## HOME ECONOMICS (HE)

**50. NORMAL NUTRITION. (2)**

Basic principles of normal nutrition and the application of these principles to nutritional requirements of the infant, pre-school child, adolescent, and adult.

## INTERNATIONAL BUSINESS AND COMMUNICATION (IBC)

Students may choose a major program in Business with emphasis on either International Management or Bilingual Office Administration together with special courses in French and/or Spanish.

Please see Business, French and Spanish sections of the catalog for complete course descriptions.

## INTERNATIONAL STUDIES (IS)

No major is offered.

**Minor:** A minor consists of eighteen hours from the following courses:

EC 131	International Economics (3)
Geog	World Geography (3)
HI/PS 15	Contemporary World Politics (3)
HI/PS 198	UN Seminar (1)
PS 141, 142	Comparative Political Systems (3,3)
PS 143	International Organization (3)
RS 149	Comparative Religious Thought (3)
SO 141	Cultural Anthropology (3)

Study and travel abroad are highly recommended. Please see page 19 for a description of foreign study possibilities.

The following courses are related to the field and may be chosen as additional electives:

	Foreign Language (6-12)
AR 81	Survey of Art (2)
EN 117	World Classics (3)
FR 25	Contemporary French Civilization (1)
HI/PS 161	Modern Russia (3)
HI/PS 162	Modern China and Japan (3)
HI 163	Modern India (3)
MU 121, 122	History and Literature of Music (3, 3)
SP 122	Peninsular Spanish Civilization in Conversation (3)
SP 142	Iberoamerican Civilization in Conversation (3)

# MATHEMATICS (MA)

**Major:** MA 31, 181; twenty-seven hours in upper division mathematics including MA 112, 113, 126, 127, 131, 136 and 199 with additional required hours to be chosen with the approval of the major adviser and eight supplementary hours in physics or a minor in a related field. As a partial fulfillment of the academic requirements for a degree in mathematics each student takes a comprehensive and the Graduate Record Examination in mathematics.

**Minor:** MA 31, 112, 113, 126, and 127.

## MATHEMATICS EDUCATION

Education majors who possess both the interest and the ability in mathematics may qualify as departmental teachers on the elementary and the junior high school levels by taking a sequence of mathematics courses in addition to those required for the education major. A possible program for kindergarten through sixth grade includes MA 16, 17, and 50. For grades seven through nine a minor in mathematics and MA 50 are strongly recommended.

### 11. FUNDAMENTAL CONCEPTS OF MATHEMATICS. (3)

Elementary set theory, numeration systems, number concepts, number systems, relations and functions, and elementary logic.

### 14. EXCURSIONS INTO MATHEMATICS. (3)

Selected topics with emphasis on application to modern problems solved by finite mathematics: logarithms, probability, linear programming in business, the mathematics of management, the metric system.

### 16, 17. INTEGRATED ALGEBRA AND TRIGONOMETRY. (3, 3)

A discussion of some basic concepts in modern mathematics including an integration of basic elements of college algebra and trigonometry. I, II.

### 31. CALCULUS AND ANALYTIC GEOMETRY I. (5)

Inequalities, introduction to analytic geometry for first and second degree equations; functions and their graphs, limits of functions, continuous functions; slope and rate of change, derivatives, differentiation of algebraic functions, applications of the derivative, and theory of indefinite and definite integral. Prerequisites: MA 16 and 17 or college preparatory mathematics including trigonometry.

### 35. METROLOGY. (4)

Basic mathematics review; systems of measurement used in weighing and measuring drugs and solutions; calculation of dosages with powdered drugs, drugs measured in units, insulin, stock medications, pure drugs, rate flow of intravenous fluids, pediatric dosage, conversion of Celsius and Fahrenheit temperatures. Open only to students majoring in nursing.

### 50. ELEMENTARY PROBABILITY AND STATISTICS. (3)

Introduction to basic principles of statistics; probability involving sampling, predictions and correlations; applications. For non-mathematics majors.

### 111. METHODS IN MATHEMATICS FOR ELEMENTARY TEACHERS. (3)

Basic concepts and number processes with emphasis on mathematical concepts and teaching methods appropriate to the needs of the elementary school child. Prerequisite: MA 11. II.

### 112. CALCULUS AND ANALYTIC GEOMETRY II. (5)

Applications of integration; asymptotes, symmetry, conic sections; trigonometric, hyperbolic, logarithmic and exponential functions and methods of differentiation and integration of these functions; polar coordinates; indeterminate forms; improper integrals. Prerequisite: MA 31.

### 113. CALCULUS AND ANALYTIC GEOMETRY III. (4)

Infinite series; vectors in the plane; vectors in three-dimensional space; vector functions and vector differentiation; differential calculus of functions of two or more variables; multiple integration. Prerequisite: MA 112.

### 121. MATHEMATICAL STATISTICS. (3)

An introduction to the mathematical theory of probability and statistics. Prerequisite: MA 112.

### 126, 127. INTRODUCTION TO MODERN ABSTRACT ALGEBRA. (3, 3)

Selected topics in theory of equations; elementary theory of groups, rings, and fields; ideals and quotient rings; polynomials over a field; vector spaces, systems of linear equations, matrices and determinants. I, II.

### 130. GEOMETRY FOR ELEMENTARY TEACHERS. (3)

Development of non-metric geometry of the plane and space; measurement of lengths and angles; simple closed curves and congruent and similar figures. These topics are treated with particular attention to the needs of elementary teachers. Prerequisite: MA 11.

### 131. MODERN GEOMETRY. (3)

Sensed magnitudes, theorems of Menelaus and Ceva, cross ratio, harmonic division, modern elementary geometry of the circle, transformations, isometries, similarities, inversion and introductory topics in non-Euclidean and projective geometries.

**136. DIFFERENTIAL EQUATIONS. (3)**

Solutions of equations of order one and degree one, orthogonal trajectories, hyperbolic functions, linear differential equations, non-homogeneous equations, inverse differential operators, Laplace transforms, inverse transforms, equations of order one and higher degree; applications. Prerequisite: MA 113.

**161. INTRODUCTION TO THEORY OF NUMBERS. (3)**

Euclidean algorithm and its consequences, congruencies, continued fractions, Diophantine equations and Gaussian integers.

**181. HISTORY OF MATHEMATICS. (2)**

Chronological presentation of mathematics from primitive times through the beginnings of calculus with related problem studies.

**199. MATHEMATICS SEMINAR. (3)**

Selected topics.

**ED 195. TEACHING OF MATHEMATICS IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.

## MEDICAL TECHNOLOGY (MT)

The student may choose either a four-year program leading to a Bachelor of Science in Medical Technology or a five-year program leading to a Bachelor of Arts degree at the end of the fourth year and a Bachelor of Science in Medical Technology upon completion of the fifth year.

**Major in Medical Technology (four-year program):**

The first three years or a minimum of 96 semester hours of academic work include the following required courses: BI 111, 112, 146, 147, 148, 191, 192, 194; CH 11 or 21, 113, 120, 121, 141; MA 16, 17 or 31; MT 14; PH 11, 12. The student automatically fulfills requirements for both chemistry and biology minors. During the fourth year the student registers for the MT 181-185 series. These courses will be taken at a hospital with which the college has an affiliation.

**Major in Medical Technology-Biology or Medical Technology-Chemistry (five-year program):**

During the first four years spent at the college, the student may major in biology and minor in chemistry, or major in chemistry and minor in biology.\* Upon receiving the Bachelor of Arts degree, the student will register for the MT 181-185 series as above and will receive the Bachelor of Science degree upon completion.

\*See sections on Biology and Chemistry.

**14. INTRODUCTION TO MEDICAL TECHNOLOGY. (1)**

An introduction to the clinical aspects of the laboratory including guest lecturers in the major disciplines and a hospital visitation. This course is especially well-suited to those considering a Medical Technology major and in need of a clear definition of the profession.

**181-185. MEDICAL TECHNOLOGY**

Prerequisites: Completion of required courses in medical technology curriculum and approval of the Medical Technology Advisory Committee. Annually, beginning in June or July.

**181. CLINICAL CHEMISTRY. (8)**

Principles, theories, and techniques used in the study of human biochemistry and performance of analyses of body fluids.

**182. CLINICAL HEMATOLOGY. (8)**

Principles, theories, and analytical techniques of the Hemopoietic system, hemostasis and coagulation.

**183. CLINICAL MICROBIOLOGY. (8)**

Protocols for the isolation, cultivation, and identification of pathogenic microorganisms. Techniques of distinguishing the indigenous microflora from those responsible for a pathological condition, drug susceptibility testing, specimen collection, safety precautions, surveillance, and quality control.

**184. IMMUNOHEMATOLOGY. (4)**

Principles, theories, and techniques of blood transfusions.

**185. DIAGNOSTIC IMMUNOLOGY. (4)**

Principles and techniques of immunological analysis used in the diagnosis of disease. Fluorescent and darkfield microscopy and immunoassay procedures are implemented.



# MUSIC (MU)

## MUSIC EDUCATION

**Major:** MU 11 (each semester), 16, 17, 18, 113, 116, 121, 122, 111 and/or 195; piano, 4-8 hours; voice, 4-8 hours.

**Minor:** MU 11 (each semester), 16, 17, 111 or 195; four additional hours in upper division music; piano, 4 hours; voice, 4 hours.

## PIANO, ORGAN, VOICE

**Major:** MU 11 (each semester), 16, 17, 18, 116, 121, 122, 126 or 148, 198; fourteen hours in the applied music major including eight upper division hours.

**Minor:** MU 11 (each semester), 16, 18, 126, 148 or 178, four additional hours in upper division music; eight hours in the applied music minor including four upper division hours.

## CHURCH MUSIC

**Major:** MU 16, 17, 18, 86, 113, 116, 117, 118, 119, 121, 122, 175, 176; 195; organ, 2-4 hours.

**Minor:** MU 16, 17, 86, 117, 118, 119, 175, 176; organ, 2 hours.

## MUSIC THEORY

No major is offered.

**Minor:** MU 11 (each semester), 16, 17, and 18, twelve hours from MU 113, 116, 121, 122, 175, 176.

## 11. COLLEGE CHORUS. (1)

Preparation and public performance of sacred and secular choral music. I, II.

## 13. MUSIC THEATRE WORKSHOP. (1)

For majors and non-majors who wish to participate as performers and/or technicians in a musical production. II.

## 14. BEGINNING CLASSICAL GUITAR. (1)

Class in guitar technique for beginning students. Techniques of rhythm playing, single string technique and introduction to easy classical literature.

## 15. INTERMEDIATE CLASSICAL GUITAR. (1)

Continuation of Beginning Classical Guitar. Acquaintance with more advanced technique and study of more advanced classical literature.

## 16-18. MUSIC THEORY. (3-9)

Correlation of written and keyboard harmony, sight singing and ear training.

## 50. GUITAR FOR CHURCH MUSICIANS. (1)

## 51-54. CLASSICAL GUITAR. (1-2)

Elements of the classical guitar and study of literature for the classical guitar according to level of the student.

## 61-64. PIANO. (1-2 each semester)

Bach, two and three-part inventions or the equivalent; Haydn and/or Mozart Sonatas; romantic and contemporary pieces.

## 71-74. ORGAN. (1-2 each semester)

Pedal studies; Bach; choral preludes; contemporary liturgical pieces.

## 81-84. VOICE. (1-2 each semester)

Technique of singing and its application to individual students. Repertoire from standard and contemporary works in English, French, Italian, and German.

## 86. VOICE CLASS. (1-2)

Primarily for those students who desire a knowledge of the techniques of singing English vocal literature for personal voice improvement and/or the teaching of singing in the classroom. One additional private lesson per week required for Church Music majors.

## 87. VOICE CLASS—ITALIAN. (1)

Primarily for those students who desire a knowledge of the techniques of singing Italian vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

## 88. VOICE CLASS—GERMAN. (1)

Primarily for those students who desire a knowledge of the techniques of singing German vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

## 89. VOICE CLASS—FRENCH. (1)

Primarily for those students who desire a knowledge of the techniques of singing French vocal literature for personal voice improvement and/or the teaching of singing in the classroom.

## 111. MUSIC FOR ELEMENTARY SCHOOLS. (2)

Procedures and techniques for teaching music in the classroom. Instruction in music fundamentals for those with no previous knowledge of music.

## 112. INSTRUMENTAL METHODS. (2)

Basic knowledge of orchestral instruments: i.e., woodwinds, strings, brass, percussion.

## 113. COUNTERPOINT. (3)

Analysis and writing for two, three, and four voices in the style of eighteenth century counterpoint. Prerequisites: MU 16, 17.

**116. ANALYTICAL TECHNIQUES. (3)**

Structural materials used in composition; analysis of various choral, instrumental, and symphonic forms, beginning with the works of the most important sixteenth century composers and continuing through the contemporary period.

**117. CHORAL AND INSTRUMENTAL ARRANGING. (3)**

A study of vocal and instrumental ranges and capabilities for the purpose of arranging choral and instrumental music for the available resources of a particular parish. Prerequisites: Two (2) semesters of theory or consent of instructor.

**118. CHURCH MUSIC REPERTOIRE I. (2)**

A survey of literature for liturgical and paraliturgical celebrations including music for congregations, choir, cantor, other soloists, organists and other instrumentalists. Materials will be taken from the literature of past traditions through those currently available.

**119. CHURCH MUSIC REPERTOIRE II. (2)**

Continuation of MU 118.

**120. MUSIC APPRECIATION. (2)**

Non-technical study of music materials, forms, and styles for the development of broad and intelligent listening and appreciation.

**121, 122. HISTORY AND LITERATURE OF MUSIC. (3, 3)**

Survey of the great movements in the development of music.

**123. HISTORY OF JAZZ AND 20TH CENTURY MUSIC. (2-3)**

Beginnings, history, and importance of jazz and contemporary music to the present day.

**126. VOCAL LITERATURE, INTERPRETATION, AND PEDAGOGY. (3)**

Representative song literature in English, French, German, and Italian with particular emphasis on performance and style.

**146. METHODS OF TEACHING PIANO. (2)**

Principles and techniques for teaching piano; study of materials used in teaching; experience in student teaching.

**148. PIANO LITERATURE AND INTERPRETATION. (2)**

Important works written for the piano from the eighteenth century to the present day.

**158. GUITAR LITERATURE AND INTERPRETATION. (2)**

Representative works for guitar from early to present day.

**161-164. PIANO. (1-2 each semester)**

Advanced technical studies; Bach, Well-Tempered Clavichord or equivalent from the romantic school; concertos and contemporary pieces and/or sonatas.

**171-174. ORGAN. (1-2 each semester)**

Works for standard literature and contemporary liturgical music. Experience in playing for liturgical services.

**175. HISTORY OF MUSIC IN LITURGY. (2)**

An historical perspective of the development of the use of music in liturgy from early Christian times to the present. This course is intended to prepare for MU 176.

**176. MUSIC IN CONTEMPORARY LITURGY. (2)**

A study of the revised rites of Vatican II and current documents concerning music in liturgy for the purpose of planning effective liturgical celebrations for the parish.

**177. CHURCH MUSIC WORKSHOP. (1)**

A one credit hour practicum on: HOW to sing, play, dance; WHAT to sing, play, dance; WHEN to sing, play, dance; and WHY — sing, play, dance.

**178. ORGAN LITERATURE AND INTERPRETATION. (2)**

A study of the organ and its literature: a comparative study of different types of organs and how to use them most effectively for accompanying and for the performance of standard organ literature.

**181-184. VOICE. (1-2 each semester)**

Effective performance of arias and other song literature in French, English, Italian, and German. Emphasis on appropriate stage deportment.

**186. VOICE CLASS. (1)**

Advanced techniques in the singing of English vocal literature. Prerequisite: MU 86.

**187. VOICE CLASS—ITALIAN. (1)**

Advanced techniques in the singing of Italian vocal literature. Prerequisite: MU 87.

**188. VOICE CLASS—GERMAN. (1)**

Advanced techniques in the singing of German vocal literature. Prerequisite: MU 88.

**189. VOICE CLASS—FRENCH. (1)**

Advanced techniques in the singing of French vocal literature. Prerequisite: MU 89.

**195. CHORAL CONDUCTING. (2)**

General school music program with particular stress on conducting and materials; also techniques and aids for conducting church choirs.

**198. RECITAL. (2)**

Public performance required of applied music majors and recommended for applied music minors.



## NURSING (NU)

**Pre-Nursing Requirements:** Writing (3), Speech (2), Introduction to Sociology (3), General Psychology (3), General Chemistry (4), Organic Chemistry (4), Anatomy (4), Physiology (4), Pathophysiology (4), Microbiology (4), Mathematics Elective (3), Metrology (1), Normal Nutrition (2), and Introduction to Nursing (3).

**Major:** NU 111, 113, 115, 117, 121, 122, 131, 141, 151, 171, 181.

No minor is offered.

Students must provide their own transportation to the health agencies when enrolled in the nursing courses.

### 90. INTRODUCTION TO NURSING. (3)

Introduction to core concepts of nursing with emphasis upon the health-illness continuum and preventive health maintenance. Core concepts include: philosophy of nursing, man's adaptive processes, client's right to health care, nuclear and variant family forms, patient's rights, and client/patient advocate. The focus is upon present and future role of the professional nurse, the public image of the nurse versus the realities of being a

professional nurse, legal aspects of health care, and psycho-social-cultural aspects which influence health and illness behavior.

NU 111, 113, 115 and 117 must be completed in sequence by basic students. NU 112 is the only course required for the RN student.

### 111. BASIC NURSING MEASURES FOR CLIENT CARE. (3)

The focus is upon nursing, interventions and related competency skills which provide for clients' safety and comfort and facilitate their adaptation to activities of daily living when they are experiencing illness/disease or maintaining an adapted state of health/wellness. Supervised observation and learning experiences within acute care facilities. Prerequisite: NU 90. 30 hours of theory; 30 hours of clinical.

### 112. MAN'S ADAPTATION TO HEALTH/ILLNESS. (8)

Not required for basic students.

Focus is upon nursing interventions related to clients in episodic and distributive settings. Intervention is through application of the nursing process. Course content is a composite of NU 113 and NU 115 and is available only to the RN student enrolled in nursing. Prerequisite: NU 90. 75 hours of theory; 180 hours clinical.



**113. MAN'S ADAPTATION TO THE ILLNESS/DISEASE STATE. (4)**

Introduction to nursing care related to adult clients' perceptions and reactions to stressors resulting from common phenomena encountered when experiencing illness/disease. The focus is upon nursing interventions which facilitate the clients' biological and psychologic adaptation and identification of coping behaviors related to stressors/stress, anxiety and crisis. The method of intervention is through the application of the nursing process as it applies to curative and restorative aspects of client care in the acute care setting. Knowledge related to man's biologic and human behavior internal systems; physical, social, and cultural environmental variables; nutrition, pharmacology, and mental health concepts are integrated. Prerequisites: NU 90, NU 111. 30 hours of theory; 60 hours of clinical.

**115. MAN'S ADAPTATION TO THE HEALTH/WELLNESS STATE. (4)**

Introduction to nursing care and interventions related to adult clients not confined to health care institutions. The focus is upon health maintenance and prevention of illness/disease. Theories and concepts pertinent to teaching-learning, androgyny, young adult through aging states of development, communication skills, human sexuality, chronic illness, community health resources, and beginning techniques of physical examination. Pharmacology, nutrition, mental health and community health concepts are integrated. Prerequisites: NU 90, NU 111, NU 113. 30 hours theory; 60 hours clinical.

**117. ADAPTATION DURING THE CHILD BEARING CYCLE. (3)**

The focus is upon the concept of wellness as the client experiences pregnancy. Includes theory and concepts related to antenatal, labor and delivery, and postnatal phenomena. Primary emphasis in clinical learning is upon nursing interventions during labor and delivery and the immediate postnatal care of the mother and infant in the acute care setting. The family-centered approach includes the adaptation of the members of the nuclear, extended, and variant family groups to changes in role structures and functions. Pharmacology, nutrition, mental and community health concepts are integrated. Prerequisites: NU 90, NU 111, NU 113. 30 hours of theory; 60 hours clinical.

**121, 122. MEDICAL-SURGICAL NURSING. (6, 6)**

Primary focus is on the care of the adult client. Supervised experiences giving direct care in hospital settings, observational experiences, and home visits provide the student with an opportunity to utilize the nursing process in assisting clients to adapt to health-illness situations. Draws on student's knowledge of natural, behavioral, and social sciences and nursing concepts and principles. Pharmacology, nutrition, community, and mental health concepts are integrated. Prerequisites: NU 90, NU 111, 113, 115, 117. 8 hours theory; 16 hours clinical experience per week.

**131. LEADERSHIP IN NURSING. (6)**

Focus is on the application of concepts and principles of leadership, group dynamics and communication in the process of management of patient care. Concepts of nutrition, pharmacology, mental health, community health and application of the nursing process are integrated. Supervised learning experiences in the management of care for a group of patients in a variety of health care settings. Prerequisites: NU 90, 111, 113, 115, 117, 121, 122, 141, 151. 6 hours theory, 18 hours clinical experience per week. Seven weeks.

**141. MENTAL HEALTH NURSING. (6)**

Contemporary concepts, theories and issues of mental health nursing; understanding dynamics of behavior and of interpersonal relationships. Supervised learning experiences in giving direct nursing care for preventing, promoting and restoring mental health to the individual, family and community; functioning with health team members in varied setting of the community mental health center. Prerequisites: PY 162, NU 90, 111, 113, 115, 117. 6 hours theory; 18 hours clinical experience per week. Seven weeks.

**151. PEDIATRIC NURSING. (6)**

Introduction to nursing of children through a family-centered approach; supervised experience in the hospital, home and other community settings. A continued emphasis will be placed on wellness using the nursing process. Integration of pharmacology, nutrition, community health, and mental health concepts. Prerequisites: PY 121, NU 90, 111, 113, 115, 117. 8 hours theory, 16 hours clinical experience per week. Seven weeks.

**152. OBSTETRICAL NURSING. (6)**

Principles and skills in obstetrical nursing care through a family-centered approach; supervised experience in hospital, home and other community settings. Integration of pharmacology, nutrition, community health, and mental health concepts. Available for advanced standing credit for the R.N. student only.

**171. COMMUNITY HEALTH NURSING. (6)**

The course focuses upon man as a part of a global community in which he promotes his human potential. Roles, functions, health needs, stressors and resources are identified within the familial system, both nuclear and variant family forms. Concepts of preventive services, health maintenance and rehabilitation are synthesized with the nursing process for societal health care. Supervised clinical experience in varied distributive settings. Prerequisites: NU 90, 111, 113, 115, 117, 121, 122, 141, 151. 6 hours theory, 18 hours clinical experience per week. Seven weeks.

**181. TRENDS IN NURSING. (2)**

Historical development of nursing; identification and analyzation of major issues facing a profession; means of promoting personal and professional growth; opportunities in contemporary nursing.

# PHILOSOPHY (PL)

No major is offered.

**Minor:** Eighteen hours of philosophy are to be chosen with the approval of the minor adviser.

## 11. ART OF WONDERING. (3)

The course is an invitation to think, to wonder, to question, to speculate, to reason, even to fantasize in the eternal search for wisdom. After discussing what philosophy is, man is studied from these aspects: as knower, as relating to other men, and to the cosmos, and as the asker of ultimate questions.

## 12. BEING AND BECOMING. (3)

Inductive approach. Intrinsic principles of being in the orders of existence, essence, activity; analogy, causality and transcendentals, notion of evil.

## 13. DO'S AND DON'T'S OF ARGUING. (3)

This course is designed to help students think clearly and to detect fallacious arguing.

## 14. A PHILOSOPHY OF HOPE. (3)

This course is designed to help the students to come to know and to understand Jesus Christ and his teachings and to examine their value in solving man's quest for meaning in his own life and in his life as a member of society.

## 113. SYMBOLIC LOGIC. (3)

This course is designed to further the students' knowledge of symbolic knowledge by giving them a working knowledge of predicate logic as well as Aristotelian logic. In the light of these skills the students are taught to make the transition from the symbolic to informal logic about political issues. Prerequisite: PL 13.

## 120. TODAY'S MAN. (3)

Presentation of the key ideas and issues faced by a number of thinkers attempting to formulate a philosophy of man.

## 121. FUTURE OF MAN: NEXT ONE HUNDRED YEARS. (3)

Through the study of various philosophers, scientific data and fiction, this course aims first at showing the student what kind of future others think man faces. Secondly, it challenges the student to form his own image of man's future.

## 122. GOD OF THE TWENTIETH CENTURY. (2-3)

See RS 122.

## 123. PHILOSOPHY OF LOVE. (3)

Notions of love from theology, philosophy and psychology. A synthesis of these disciplines.

## 124. PHILOSOPHY OF SCIENCE. (3)

The study of the nature of scientific knowledge and how to obtain it in a rational way. It examines the logic of scientific explanations, laws and theories.

## 129. PHILOSOPHICAL PERSPECTIVES OF WOMEN. (1)

This course has three objectives: 1) to examine and critique the grounds for certain positions with regard to women; 2) to learn the implications for women with regard to certain philosophical systems; 3) to formulate one's own philosophy of women.

## 141. GREEK THOUGHT. (3)

Classical Greek thinkers are studied to see their relevance to modern times.

## 148. PHILOSOPHY OF RELIGION. (3)

Philosophical reflection on the religious experience.

## 149. COMPARATIVE RELIGIOUS THOUGHT. (3)

See RS 149.

## 156. MAN AND HIS DECISIONS. (3)

The world is changing at a disturbing pace. Rapid change brings instability, and instability, anxiety. Thus, in the ethical order man is anxious about his values and the decisions he must make based on these values. This course will examine modern man, the decisions he has to make and the values which underlie these decisions. Selected ethical questions will be considered: genetic control, abortion, poverty, drugs, euthanasia, war, etc. See RS 156.

## 158. LOVE, SEX AND MARRIAGE. (3)

The meaning of love; how to integrate sex into one's personal existence; how to make marriage "work."

## 171. KNOWING MAN IN MODERN TIMES. (3)

Critical analysis of the philosophical thinking of the Rationalists and Empiricists.

## 173. BUSINESS ETHICS. (3)

A basic survey of some contemporary business practices with discussion of such practices and relating such to proposed philosophical, theological and social criteria. See BU/RS 173.

## 181. TWENTIETH CENTURY ISMS. (3)

Critical readings from the various schools of philosophy treating contemporary problems: includes classical realism, idealism, naturalism, positivism, analytic philosophy, existentialism, and Marxism. Recommended as a prerequisite: PL 171.

## 185. INTRODUCTION TO ANALYTIC PHILOSOPHY. (3)

Philosophical problems examined from the viewpoint of the study of language.

## 199. SEMINAR. (3)

Topics vary.

## PHYSICAL EDUCATION (PE)

No major is offered.

Courses offered in physical skills will be listed on the Class Schedule published each semester.

**16-19. CREATIVE MOVEMENT I, II, III, IV. (1, 1, 1, 1)**  
See DA 16-19.

**111, 112. BASIC SKILLS IN RECREATIONAL SPORTS I, II. (2, 2)**

Lecture and laboratory course in various team and individual sports. Includes sections on techniques of planning, organizing, administering and supervising various types of athletic programs, as well as learning the rules, skills and teaching techniques of leisure time sports. Students in the course will assist in operating college intramurals.

**113. BALLET TECHNIQUE AND THEORY I. (2)**  
See DA 113.

**114. INTRODUCTION TO PHYSICAL EDUCATION. (2)**  
Orientation to physical education as a profession, including a study of related areas such as coaching, health, safety, recreation, outdoor education and leisure time activities.

**121. THEORY OF COACHING. (2)**  
Techniques, fundamentals, training, philosophy and coaching methods in football, basketball, baseball, track and field, golf, and tennis. Organization of teams, scheduling, teamwork, strategy and study of rules will be stressed.

**141. MODERN DANCE TECHNIQUE AND THEORY I. (1)**  
See DA 141.

**146. PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL. (2)**  
See ED 146.

**147. PHYSICAL EDUCATION METHODS FOR THE SECONDARY SCHOOL. (2)**  
The content and specific methods of teaching secondary school physical education. The correlation of principles and methods in the school program, class management, class organization and techniques of instruction of physical education.

**181. MODERN JAZZ TECHNIQUE AND THEORY I. (1)**  
See DA 181.

## PHYSICS (PH)

No major or minor is offered.

**11, 12. GENERAL PHYSICS. (4, 4)**  
Fundamentals of mechanics, heat, sound, light, electricity and nuclear physics.

**129. HOME REPAIRS AND THE FEMINIST. (1)**  
See WS/PH 129.

**129. AUTOMOTIVE TECHNOLOGY. (1)**  
See WS/PH 129.

## POLITICAL SCIENCE (PS)

**Major with concentration in Public Administration:** PS 11, 12, 120, 121, 122, 123, 124, 125, 178, 179. MA 50 is a prerequisite for PS 178 and 179.

**Minor:** PS 11 and 12 or 15 and 12 semester hours in upper division Political Science.

**11. POLITICAL DECISION-MAKING. (3)**  
Theories of management and bureaucracy. The structure and functions of social, economic and political systems. Concepts of personality, motivation, group dynamics and leadership. Influence, power and authority. Organization development and public policy.

**12. AMERICAN NATIONAL GOVERNMENT. (3)**  
The structure, functions, and problems of American national government.

**15. CONTEMPORARY WORLD POLITICS. (3)**  
Study of specific problems in current international relations with attention to historical background and the concepts underlying international politics such as sovereignty and nationalism, power and security, and the balance of power. See HI 15.



**120. AMERICAN URBAN GOVERNMENT. (3)**

Historical development of local government; general patterns of central-local relations; local politics and decision-making; administrative organization and process.

**121. PUBLIC ADMINISTRATION. (3)**

Introduction to the historical and contemporary status of administrative institutions, principles and practices of public administration and the processes of public management.

**122. PUBLIC POLICY. (3)**

The process of public policy-formulation, governmental planning and programming, and administrative decision-making.

**123. ADMINISTRATIVE BEHAVIOR. (3)**

Theories of administrative and organizational behavior including decision-making, communications, leadership and the functional analysis of public organization. Relation of a public organization to its political and technological environment.

**124. FEDERALISM AND INTERGOVERNMENTAL RELATIONS. (3)**

The relationship of constitutional doctrine and political thought to the organization and practice of intergovernmental relations.

**125. GOVERNMENT AND POLITICS IN METROPOLITAN AREAS. (3)**

The relationship of the governmental, economic, social and physical organization of metropolitan areas to metropolitan planning, decision-making, and administration.

**126. MUNICIPAL ADMINISTRATION. (3)**

The social, political, economic, and legal background in which municipal administration is set. The facilities and processes organization, budgeting, accounting, personnel, and management methods of the municipal administrator.

**129. WOMEN IN POLITICS. (1)**

See WS/PS 129.

**130. AMERICAN CONSTITUTIONAL DEVELOPMENT. (3)**

Origins of the Federal Constitution; leading cases in its development by the Supreme Court and current interpretation; readings and lectures emphasizing the social context of the opinions and their significance in relation to the evolution of American political forces.

**131. POLITICAL PARTIES AND PRESSURE GROUPS. (3)**

Nature and functions of political parties; origin, development, structure, economic and social composition, internal management and control; relation of parties and pressure groups to legislation and administration.

**138. LATIN AMERICAN GOVERNMENT AND POLITICS. (3)**

See SP 138.

**141. COMPARATIVE POLITICAL SYSTEMS: BRITAIN, FRANCE, AND WEST GERMANY. (3)**

A comparative analysis of the political systems of Britain, France and West Germany. Primary emphasis will be on political culture, governmental structure and functions, and the policy process in the three countries. No prerequisite.

**142. COMPARATIVE POLITICAL SYSTEMS: EASTERN EUROPE. (3)**

Study of the political organization of the Communist Countries of Eastern Europe with special reference to party and government structure and functions. No prerequisite.

**143. INTERNATIONAL ORGANIZATION. (3)**

Study of the nature, development and functions of international organizations, with particular reference to the organization and operation of the United Nations.

**155. POLITICAL SOCIOLOGY. (3)**

Analysis of socio/cultural components of who gets involved in politics, why they get involved, and types of political activity in which the individual participates. Also concerned with the political issues of American Society as well as the question of Mass Society. Prerequisite: SO 11. Off-campus practicum required.

**161. MODERN RUSSIA. (3)**

Russia in the nineteenth and twentieth centuries. The growth of revolutionary thought and action, the Revolutions of 1905 and 1917, and the establishment and development of the Soviet regime.

**162. MODERN CHINA AND JAPAN. (3)**

Survey of traditional China and Japan; forces for modernization in the nineteenth century; political, economic and cultural aspects of the twentieth century.

**178. INTRODUCTION TO RESEARCH. (3)**

See SO 178.

**179. APPLIED RESEARCH. (3)**

See SO 179.

**198. UNITED NATIONS SEMINAR. (1)**

Study of the organization and operation of the United Nations with particular reference to current issues. Preparation for student participation in a Model United Nations.

# PRE-MEDICAL PROGRAM

**Major:** BI 12, 13; CH 11 or 21, 22; PH 11, 12; MA 16, 17 or 31; thirty semester hours in upper division biology or chemistry, including BI 146, 151, 165, CH 121 and CH 116, 117 (premedical students) or CH 113 (predental students). This major is designed to help prepare a student for admission into a school of medicine or dentistry. The special entrance requirements of the professional schools to which the student may later apply are considered when electives are chosen. A student in the pre-medical major must maintain a minimum grade point of 3.0.

No minor is offered in this area.

## PSYCHOLOGY (PY)

**Major:** PY 11, 50, 55, 56, 111, 112, 146, and 147 plus 12 elective upper division hours.

**Honors Major:** PY 11, 50, 55, 56, 111, 112, 140, 141, 146, 147, 195, and 196, plus 6 elective upper division hours.

**Required, Related Courses:** One course in Biology, PL 124, and one other upper division philosophy course.

**Recommended Courses:** BI 111, 112, 172.

A student may be accepted as a psychology major upon recommendation by a psychology faculty member and completion of two or more psychology courses with a minimum of 2.5 grade point average.

Upon completion of PY 11, 50, 55, 56, 146 and 147 or their equivalents, a student is eligible for application to the honors program. Acceptance in the honors program requires a 3.5 grade point average in completed psychology courses and recommendations by three psychology faculty members. In the honors program, a student may elect highly specialized, experiential courses and will pursue independent research under supervision of his major adviser. Graduation with honors in psychology

entitles the student to lifetime membership in Psi Chi, honorary society, and provides the student with high credentials when applying for graduate acceptance in Masters and Doctorate psychology programs.

**Minor:** PY 11, 50 or 55, plus 12 elective upper division hours, selected with consent of minor adviser.

### 11. GENERAL PSYCHOLOGY. (3)

A basic introduction to the science of psychology through the theoretical and experimental investigation of man's struggle for adaptation to his changing physical and social environment. I and II.

### 50. HISTORY AND SCHOOLS OF PSYCHOLOGY (3)

Psychology systems compared across varied eras, economic, and cultural conditions to unfold the major contributions in the development of modern psychology. Prerequisite: PY 11 or consent of instructor. II.

### 55. THEORIES OF MAN I. (3)

The development, organization, dynamics, and determinants of personality as proposed by the classical psychologists. Prerequisite: PY 11 or consent of instructor. I.

### 56. THEORIES OF MAN II. (3)

Consideration of recent propositions in personality and developmental theory, emphasizing personality organization, determinants, and dynamics in the Computer Age. Prerequisites: PY 11 and 55 or consent of instructor. II.

### 111. PSYCHOLOGY OF LIFE STYLES I. (3)

A study of the biological and psychosocial factors contributing to personal growth and adjustment and an examination of the interplay of these factors in various American life styles. Prerequisite: PY 11, 55, or consent of instructor. I.

### 112. PSYCHOLOGY OF LIFE STYLES II. (3)

A study of the biological and psychosocial factors contributing to the breakdown of personal adjustment and an overview of the determinants of functional and organic psychopathology. Therapeutic approaches related to the syndromes. Prerequisites: PY 11, 55, and 111, or consent of instructor. II.

### 117. CAREER DEVELOPMENT. (3)

Designed to enhance skills which are necessary for implementing career choices and changes. Involves exploration of personal qualities, resume' writing, job interviewing, and employment outlooks. No prerequisite.

### 118. ORGANIZATIONAL PSYCHOLOGY. (3)

Psychology of individual and group behavior in the organization complex. Application to administration, management, worker morale, and efficiency under current and future technology. Prerequisite: PY 11 or consent of instructor. II.

**121. HUMAN GROWTH AND DEVELOPMENT. (3)**

See ED 121. I and II.

**122. CHILD PSYCHOLOGY. (3)**

A study of the biological and psychological development of the child from birth through puberty, and of relevant research methods and results.

Prerequisite: PY 11 or consent of instructor. I and II.

**123. ADOLESCENT PSYCHOLOGY. (3)**

See ED 123. I.

**129. PSYCHOLOGICAL ASPECTS OF BEING FEMALE. (3)**

See WS/PY 129.

**135. MARRIAGE. (3)**

The study of marriage in the framework of functional interaction of husband and wife with regard to emotional, social, psychological, and physical needs.

Prerequisite: PY 11 or consent of instructor. II.

**140. PSYCHOLOGY OF LEARNING. (3)**

The investigation of the development and characteristics of various learning theories with emphasis on the processes governing behavioral change; and the study of the various theories and phenomena of motivation with an examination of both biological and social variables influencing the activation, direction, and maintenance of behavior.

Prerequisites: PY 11. I and II.

**141. EXPERIMENTAL PHYSIOLOGICAL PSYCHOLOGY. (3)**

A study of the biological bases of learning, perception, and motivation. Prerequisites: PY 11 and BI 12.

**146. QUANTITATIVE METHODS IN PSYCHOLOGY I. (3)**

An overview of research and the research process with an emphasis on summary and analysis of research data via descriptive statistical techniques. These techniques will include frequency distributions and their graphical representations, measures of central tendency, measures of variability correlation and regression, and selected issues of psychological measurement. Critical evaluation of the psychological research literature relative to these topics will be made. Prerequisite: Either MA 11, 16, or 17, or equivalent. I.

**147. QUANTITATIVE METHODS IN PSYCHOLOGY II. (3)**

A continuation of Quantitative Methods in Psychology I (PY 146). Emphases will include the research process through and including the design of research by the student, fundamental topics in inferential statistics and their research applications, and the critical evaluation of the psychological research literature with regard to these topics. Prerequisites: MA 11, 16, or 17, and PY 146. II.

**150. SPECIAL TOPICS. (1-3)**

Psychological principles applied to current dilemmas in American society. Specific topics change each semester. Prerequisite: Consent of instructor.

**1. Nonverbal Communication**

Man's humanness is tied to his ability to symbol; man symbols thoughts and feelings with words and gestures. This course will emphasize the theoretical and practical aspects of interpreting nonverbal communication.

**2. Community Mental Health**

The course objectives will be to acquaint the student with actual models providing services in the community; to provide an opportunity to learn about health-oriented rather than illness-oriented delivery systems, to learn from professionals in the field, and to familiarize the student with recent practices in the mental health field.

**3. Extrasensory Psychology**

The range of extrasensory experiences such as psychokinesis, telepathy and astral projection will be studied. The student will explore the psychodynamics of these experiences and the research evaluating the validity of the experiences.

**161. SOCIAL PSYCHOLOGY. (3)**

See SO 161. I.

**162. PSYCHOPATHOLOGY. (3)**

A general overview of the etiology, characteristics and determinants of functional and organic deviations of normal behavior; general information about the therapeutic approaches; and the study of the role of behavioral sciences in community mental health action. Prerequisite: PY 11. Open to non-psychology majors. I and II.

**163. PSYCHOLOGY OF THE EXCEPTIONAL CHILD. (3)**

See ED 163. II.

**166. PARENT COUNSELING FOR TEACHERS. (3)**

See ED 166. I.

**176. TESTS AND MEASUREMENTS. (3)**

See ED 176. I.

**180. PERCEPTUAL MOTOR TRAINING. (3)**

See ED 180. I.

**188. COMMUNICATION PROCESSES. (3)**

(formerly Psychological Growth Processes)

This course is designed to assist students in developing skills as effective facilitators in human relations by examining, through a personalized learning experience, psychological theories of interpersonal communication and personal growth. Prerequisites: PY 11 and 55 or 121. I and II.



**189. APPLIED GROUP DYNAMICS. (3)**

An examination of research and theory in the area of small group interaction; with an emphasis on practicing skills of group membership. Prerequisites: PY 11 and 55 or consent of instructor. I and II.

**190. SEMINAR IN PSYCHOLOGY. (1-3)**

Investigation of a special research problem or directed reading in an area not covered in regular courses. Prerequisites: 12 hours in psychology and consent of instructor. I and II.

**1. Psychology of Aggression**

The course will explore the biological and psychological causes of man's aggression (both verbal and physical). Students will evaluate those factors precipitating unnecessary stress and aggression in themselves and will analyze ways others may precipitate stress.

**2. Dreamwork Seminar**

The physiological and psychological functions of dreaming will be investigated in this course. Students will analyze the content of their own dreams according to various theoretical fronts.

**191. DIRECTED EXPERIENTIAL LEARNING. (1-3)**

Practicum in facilitating interpersonal relations. Student will be placed in a human relations agency, such as Avila's Counseling Center or a local "hot line" service. Prerequisites: PY 11, 55, 188 or 189 or consent of instructor. I and II.

**192. TACTICS AND TOOLS IN PSYCHOLOGY. (3)**

Designed to teach advanced research skills. Special emphasis will be placed on control techniques, such as selection of subjects, baseline measures, manipulation of single and multiple independent variables and follow-up procedures. Prerequisite: PY 11 or consent of instructor.

**195. HONORS RESEARCH I. (3)**

Development of a proposal for independent research leading to Honors graduation in psychology. Prerequisite: Honors standing. I.

**196. HONORS RESEARCH II. (3)**

Data collection, analysis, and interpretation of independent research formulated in PY 195. Prerequisite: PY 195. II.

## RADIOLOGIC TECHNOLOGY (RT)

Persons who have completed or are currently enrolled in Radiologic Technology Training Programs are eligible for admission into the three year program leading to a Bachelor of Science in Radiologic Technology.

**Major:** In addition to the Radiologic Technology Training Program, the program requires a minimum of 95 semester hours of academic work to include the following required courses: BI 111, 112, 120, 194; BU 19, 144, 146; CH 11; ED 175, 176, 194; EN 15, 29; MA 50; PH 11, 12; PY 11; RT 111, 112; SO 11, 112; ST 11.

During the student's final semester, he/she will enroll for RT 111, 112. These courses will be taken at a hospital with which the college is affiliated.

Upon completion of the required 95 minimum hours, the student will be awarded 33 semester hours for successful completion of the American Registry Examination.

**111. ADMINISTRATIVE INTERNSHIP IN RADIOLOGIC TECHNOLOGY. (3-4)**

Clinical experience in department of radiology under direct supervision of program director and the radiologic services manager. To provide insight, through actual experience, into the different facets of departmental administration. Prerequisite: Completion of required courses in RT curriculum.

**112. TEACHING PRACTICUM IN RADIOLOGIC TECHNOLOGY. (3-4)**

Actual experience in radiologic technology classroom setting. Assist educational coordinator in developing lesson plans and actual instruction of material. Prerequisite: Completion of required courses in RT curriculum.

# RELIGIOUS STUDIES- EDUCATION (RS)

**Major:** Twenty-seven semester hours in religious studies to be chosen with the approval of the major adviser.

**Minor:** Eighteen semester hours in religious studies to be chosen with the approval of the minor adviser.

For persons not enrolled in a degree program, a certificate of major equivalence will be awarded for the required twenty-seven semester hours, or a certificate of minor equivalence for the required eighteen semester hours.

## 11. INTRODUCTION TO RELIGIOUS STUDIES. (3)

A survey course introducing the student to the study of religion by showing him three methodological approaches: the psychological, sociological and theological.

## 19. BIBLICAL WISDOM AND MODERN MAN. (3)

The "Reality of Life" as Israel saw it. By viewing the "nether side" of Israelite traditions, we will make a study of how the sages worked at the task of ordering a HUMAN world. From a God-centered view-point, we will take a MAN-CENTERED perspective in following Job, Qoheleth, Ben-Sirach and the lovers in SONG OF SONGS.

## 20. BIBLE AS HISTORY. (2-3)

The History of Israel, an encounter with her Lord, Yahweh, is her interpreted story recalled in cultic recitation. A consciousness of historical reality with a beginning and a destiny Israel alone developed. Importance will be given to the Patriarchal Cycle, to the freedom movement of the Exodus, to the rapid evolution of the Jerusalem kingship — itself a semi-pagan urban system, to the destruction of the nation and the consequences.

## 21. BIBLE AS LITERATURE. (2-3)

Scripture functions as the vehicle for God's communication of Himself to Church and Synagogue. This experience of God is handed down to modern man as the Literature of Israel wherein the Father of Jesus Christ is encountered in song and saga, parable, proverb and poem, all stamped by the characteristics peculiar to the culture of the times, to the pathos and ethos of their authors.

## 22. THE FOUR GOSPELS. (3)

This course is a study of the words and deeds of Jesus of Nazareth as recorded by Matthew, Mark, Luke and John in order to grasp the meaning of the life of Jesus Christ. In this study consideration is given to authorship and sources, form criticism and redaction criticism. Moreover, certain Old Testament themes will be considered in order to understand Jesus as the fulfillment of the Old Testament.

## 23. THE LETTERS OF PAUL. (2-3)

St. Paul is one of the first and the greatest Christian thinkers and writers. This course is designed to study Christ in the Theology of Paul. Through his letters, the Church of the apostolic age and the twentieth century are able to glimpse the problems and difficulties, the triumphs and failures, of second generation Christians. Each letter is studied in its chronological sequence and those passages most characteristic of the letter are studied intensively so as to provide a base for a theological synthesis.

## FUNDAMENTALS OF CHRISTIANITY

### 48. FUNDAMENTALS OF CATHOLICISM. (3)

Presentation of the fundamental beliefs of Catholics on God, Christ, the Spirit, Scripture, Liturgy, the Sacraments and the Church. Discussion of the modern trends and contemporary problems within Catholicism.

### 49. FUNDAMENTALS OF PROTESTANTISM. (3)

The fundamental beliefs and viewpoint of the protestant faith, including: historical background, major Biblical themes of the protestant faith, including: the Person and work of Christ, grace and works, prophecy, etc. Comparison of modern protestant denominations.

### 50. CONTEMPORARY AMERICAN RELIGION. (2-3)

A study of the changing forms, content, values, questions, and commitments in the religious dimension of American life today.

### 52. CATECHETICAL PERSPECTIVES. (2)

History of catechetics; fundamental principles; fidelity to God, to man, and to a twentieth-century world; factors which condition catechesis, such as age and mentality; principles of methodology.

### 53. A PARENT-CHILD ADVENTURE TOWARD FAITH. (1)

A short course on facilitating parent-child relationships during the pre-baptism and post-baptism years (limited to infant and toddler years). Ingredients include: (1) clarifying adult faith; (2) developing the art of celebrating life in faith as part of the art of parenting; (3) acquiring skills in instructing the child in cognitive, social and faith concepts from infancy. The format will include discussion, role-playing, structured group activity and limited lecturing.

### 54. YOUTH MINISTRY. (1)

Youth Ministry is proving to be one of the most challenging and exciting ministries in the Church today. This workshop will provide the opportunity to gain insights into various aspects of youth ministry today. Models of various approaches will be studied and helps for planning will be included. Attention will also be given to understanding young people and their needs and developing skills to work with them. The workshop will be a combination of the theoretical and the concrete — the why's as well as the how's. While designed for the beginner, the experienced should also find it challenging and informative.

**86. DYNAMICS OF THE CHRISTIAN MESSAGE. (2-3)**

An attempt to make dynamic the content and communication of Christian revelation in already defined and/or in emerging apostolates.

**122. GOD OF THE 20TH CENTURY. (2-3)**

Reflective analysis of various concepts of God in modern thought, in order to evaluate the religious possibilities in contemporary culture. See PL 122.

**129. FEMALES IN A MALE CHURCH. (1)**

See WS/RS 129.

**131. JESUS CHRIST. (2-3)**

"Who is Jesus Christ?" is a question many men are asking today. This course will attempt to provide answers to this question through a study of (1) the early Christological Church Councils; (2) the new and improved understanding of the scriptural data about Jesus; and (3) the Christological thought of modern and contemporary theologians.

**143. THE CHRISTIAN COMMUNITY. (2-3)**

An exploratory journey into institutional religions. The journey begins and ends with the profession and acceptance of the mystery of that entity called "Church." Today, the Christian Community (Church) appears in many disguises. The course discusses five basic models which appear most frequently in Protestant and Catholic Churches in America today. We also subscribe to a weekly religious periodical allowing us the practical experience of applying the theory in a critical analysis of the reported lived reality.

**144. CELEBRATION AND SERVICE. (2)**

The liturgy is studied in its historical, theological, and pastoral aspects. Opportunities for planning and celebrating a variety of liturgies are also provided in this course.

**146. SACRAMENTS OF THE CHRISTIAN LIFE. (2-3)****(Baptism, Confirmation, Penance)**

The purpose of this course is two-fold: to search out the meaning and importance of Baptism, Confirmation and Penance in our individual lives and the life of the Church through the study of Scripture and Sacramental Theology; secondly, to consider how the sacraments can be taught to others, especially young people.

**147. MASS AND EUCHARIST. (2-3)**

A study of the Eucharist from its Jewish and scriptural roots through the developments in the church community over the centuries to the present liturgical reforms. In addition to the scriptural, historical and theological data necessary to understand the Mass, the course will examine the pastoral, cultural and psychological data of the late 20th century with a view to developing sound educational and celebrational models for today's church community. The course should be especially beneficial to all who teach the Eucharist and plan its celebration in today's elementary and secondary schools and adult education programs.

**149. COMPARATIVE RELIGIOUS THOUGHT. (3)**

A comparative analysis of selected areas of religious belief in eastern and western churches. See PL 149.

**156. MAN AND HIS DECISIONS (MORAL ISSUES). (3)**

The world is changing at a disturbing pace. Rapid change brings instability, and instability, anxiety. Thus, in the ethical order man is anxious about his values and the decisions he must make based on these values. This course will examine modern man, the decisions he has to make and the values which underlie these decisions. Selected ethical questions will be considered, genetic control, abortion, poverty, drugs, euthanasia, war, etc. See PL 156.

**157. MORAL EDUCATION AND THE NEW MORALITY. (1)**

How should a Christian act? This is a question that perplexes many today. In an attempt to answer this question, this workshop will treat of the morality of Jesus and Paul; morality and the teaching Church; natural law; situation ethics; moral principles, absolutes and exceptions; conscience, sin and repentance. There will be a constant reference to practical problems of personal and social morality.

**158. LOVE, SEX AND MARRIAGE. (3)**

The meaning of love; how to integrate sex into one's personal existence; how to make marriage "work."

**159. COURTSHIP AND DATING. (1)**

One significant area where young people experience confusion today is in the area of courtship and dating. What is the purpose of courtship and dating? What is expected of a young person on a date? Can older people offer any worthwhile advice? These are just some of the questions to be discussed in this course. Others will be determined by the students.

**162. DOCTRINE REVISITED. (1)**

The workshop will consider: how Doctrine in the Church originates and develops; what significant developments are currently taking place; the role and relationship Doctrine has in our community and personal faith in God. Current questions that will be addressed will include: What is our Catholic belief? Does it make any difference what I believe? What are the fundamentals of our Faith? Where is the doctrinal content in religious education?



**164. CONTEMPORARY RELIGIOUS THINKERS. (2-3)**

An investigation of the writings of selected religious thinkers, to discern their contribution to contemporary theology.

**167. THEOLOGY OF SOCIAL CHANGE. (2-3)**

A search for Christian attitudes toward various sociological, economic, and political problems, such as human rights, poverty, population control, war and peace, business ethics.

**170. OPTIONS IN RELIGIOUS EDUCATION. (1)**

Is the classroom scene the only way to communicate the faith to people, especially our children? Many today think that it is not. This course will explore other options in religious education and will give special consideration to family religious education and the various formats now being tried.

**171. THE ADULT AND RELIGION. (2)**

This course will be directed toward the discernment and building of a theological, psychological and methodological rationale for religious education for adults as well as a consideration of tools and skills to be used.

**172. THE ADOLESCENT AND RELIGION. (2)**

Where does the adolescent experience for the first time the self aspect of his personality? How does he understand guilt? What do intimacy, fidelity and loyalty mean to him? Does the search for the Holy really mean something to the teenager? All the above questions are in some way interconnected with the religious experience of the adolescent. This course will explore these questions and their significance in the religious experience.

**173. BUSINESS ETHICS. (3)**

A basic survey of some contemporary business practices with discussion of such practices and relating such to proposed philosophical, theological and social criteria. See BU/PL 173.

**174. RELIGIOUS EDUCATION IN THE NEXT DECADE. (1)**

What will be our focus? Where will be our stresses? One of the main characteristics of our era is a growing sensitivity to the child's rhythm of growth, his readiness for religion. When this is coupled with deeper insight into the development of dogma and greater sensitivity to the subtleties of morality, it can be seen that religious education in the next decade will be essentially developmental and will approach its task with an unprecedented respect for the delicate movement of the Spirit and the evasive experience of the Transcendent.

**194. EDUCATIONAL METHODOLOGY. (1)**

This workshop will be geared toward all involved in religious education programs on the parish level. It will be directed toward understanding modern methodology and techniques in religious education based on psychology, sociology and educational anthropology with research into systems that brought about our present phase of teaching. Practical approaches for the teacher of primary, intermediate, junior and senior high school student; methods for evaluating the teaching of religion; and the role and function of the coordinator in the Church of the 70's will also be treated.

**197. INDEPENDENT STUDY. (2-3)**

Approved and directed in-depth study of a specific area of theology, according to student need and interest. Limited to majors.

**199. PRACTICUM. (3)**

Period of actual experience in one of the specialized areas of religious education, with departmental guidance and supervision.

## SOCIAL WORK (SW)

**Major:** (39 hours) SW 11, 115, 121, 140, 160, 178, 180, 181, 183, 184, and one course in the 130-139 series.

**Minor:** (18 hours) SW 11, 115, 121, 140, and one course in the 130-139 series.

**11. INTRODUCTION TO SOCIAL WORK. (3)**

This course is designed to provide the student with an overall view of the fields of practice of social workers. Attention will also be given to the historical development of social work as a profession, current issues in the field, and the potentials of a career in social work.

**115. SOCIAL WELFARE. (3)**

An analysis of policies and programs directed at specific social problems. A study of the growth and development of social welfare. Prerequisite: SW 11 or consent of the instructor.

**121. HUMAN BEHAVIOR AND THE SOCIAL ENVIRONMENT. (3)**

Normal growth and development of the individual from childhood through old age within the social contexts of the family, group relationships and community structures.

**125. READINGS IN SOCIAL WORK. (1-3)**

Selected readings on social conditions and social problems as they relate to the field of Social Work.

**126. SPECIAL TOPICS IN SOCIAL WORK. (1-3)**

The student will participate in an Avila sponsored two-day workshop, seminar, or symposium on a subject related to current topics in Social Work practice.

**130-139. SPECIAL CLIENT GROUPS.****130. PROTECTIVE AND PREVENTIVE SERVICES. (3)**

Presentation of an intensive comprehensive overview of protective and preventive services to adults and children. A major emphasis is placed on understanding the family and its various relationships which include interpersonal, familial, school, neighborhood and community relationships. A specialized practice base is presented to show the social work role in protective services. The student learns interviewing techniques, the child and the law, medical aspects and community responsibility.

**131. SERVICES TO CHILDREN. (3)**

Intent of the course is to provide an overview of services to children, and a basic understanding of child welfare. Children live in families or substitute families (includes group settings and institutions), therefore the family and its functioning will be studied. An emphasis is placed on value examination and analysis of issues and practice situations. An effort is made to relate theoretical knowledge to practice.

**132. URBAN YOUTH SERVICES. (4)**

Student becomes acquainted with the role of a social worker through a laboratory experience (housing project) and is given the opportunity to work with three ethnic groups (Black, Mexican, and Anglo). The course provides a link between the Avila campus and the inner city. Students will "dissect" the ghetto, form interest groups for the children, seek funds for activities, keep logs, visit community agencies and schools. This course can be taken as a Field Experience.

**133. SERVICES TO FAMILY AND CHILDREN IN THE INNER CITY. (3)**

This course will trace the history of social welfare services to the poor, ethnic and racial groups. Students will learn techniques and skills necessary to service inner city families and children. Cultural and ethnic content needed for the practice of social work will be stressed.

**134. SOCIAL WORK IN HEALTH SETTINGS. (3)**

Theory and methods course for the social work student contemplating entering the health setting. The student will be exposed to the health system (HMO, PSRO, national health insurance, etc.), the structure of hospitals, extended care facilities, home health services, nursing homes, and will learn about the social/emotional needs for patients in all age levels.

**136. CORRECTIONS. (3)**

An introduction to the field of corrections with an examination of its relationship to the remainder of the criminal justice system. Included will be the historical evolution of corrections in the United States followed by a closer look at the various correctional settings, treatment techniques and programs in use currently.

**140. SOCIAL WORK PRACTICE I. (3)**

Introductory course of problem solving methods used in social work. Study of ethics, social work roles, interviewing and counseling skills, and community studies. Systems theory is used throughout the course in combination with planned change theory and the various modes of social work intervention.

Prerequisites: SW 11 and 115 plus SO 130, or consent of the instructor.

**150. FIELD EXPERIENCE. (3)**

All students are encouraged to participate in an observation/work experience in a social welfare agency early in their social work training and prior to enrollment in Field Instruction. This experience will broaden the student's view of Social Work and help the student make a decision as to professional practice in social work.

**160. SOCIAL LEGISLATION AND POLICIES. (3)**

A review and critical analysis of the legislative process at the national, state, and local level, with the objective of understanding the forces which contribute and shape social policy in the broad fields of social welfare. Prerequisites: SW 115 and a minimum of six (6) hours of upper division Social Work courses or consent of instructor.

**170. INDEPENDENT STUDY. (3)**

The student independently pursues an approved and directed in-depth study of a specific area of social service. Open to social work majors only.

**178. INTRODUCTION TO RESEARCH. (3)**

See SO 178.

**179. APPLIED RESEARCH. (3)**

See SO 179.

**180. SOCIAL WORK PRACTICE II. (3)**

Continuation of SW 140 with an emphasis on self-awareness, in-depth study and practice of interviewing skills and counseling techniques. This course will be taught concurrently with first semester field instruction. Prerequisite: SW 140 or consent of instructor.

**181, 184. FIELD INSTRUCTION I, II. (6, 6)**

Two and one-half or three days a week for two semesters (600 clock hours) will be spent in field instruction in one agency in the metropolitan area. This includes a two hour per week seminar class conducted on campus. Prerequisites: Completion of all Social Work required courses in the sequence leading up to field instruction.

**183. SOCIAL WORK PRACTICE III. (3)**

This is the last course in the continuum of social work practice courses. Students will be able to apply concepts learned in Practice I and II and develop greater skills in small and large group systems. The social work methods of intervention that will be explored and acquired can be used in a variety of social work settings. This course will be taught concurrently with second semester field instruction. Prerequisites: SW 140 and 180 or consent of instructor.

**AREA I: THEORY AND METHODS**

- 171. HISTORY OF SOCIAL THEORY
- 172. CONTEMPORARY SOCIAL THEORY
- 178. INTRODUCTION TO RESEARCH
- 179. APPLIED RESEARCH
- 188. SOCIOLOGY PRACTICUM

**AREA II: SOCIAL INSTITUTIONS**

- 111. THE FAMILY
- 112. SOCIOLOGY OF HEALTH AND ILLNESS
- 155. POLITICAL SOCIOLOGY
- 165. SOCIOLOGY OF EDUCATION

**AREA III: SOCIAL PSYCHOLOGY**

- 121. MINORITY GROUPS
- 143. CULTURE AND PERSONALITY
- 153. COLLECTIVE BEHAVIOR AND SOCIAL MOVEMENTS
- 161. SOCIAL PSYCHOLOGY

**AREA IV: SOCIAL PROCESS AND SOCIAL CHANGE**

- 130. SOCIAL SYSTEMS
- 131. COMMUNITY STUDIES
- 132. SOCIAL CHANGE
- 133. SOCIOLOGY OF AGING
- 186. DEVIANT BEHAVIOR

**AREA V: COMPARATIVE STUDIES**

- 122. BLACK SOCIOLOGISTS
- 141. CULTURAL ANTHROPOLOGY
- 187. INDIANS OF THE AMERICAS

**AREA VI: WOMEN'S STUDIES**

- 129. SOCIALIZATION AND ROLES OF WOMEN
- 129. SOCIOLOGICAL PERSPECTIVES
- 129. MINORITY WOMEN IN AMERICAN SOCIETY

**11. INTRODUCTION TO SOCIOLOGY. (3)**

Survey of the characteristics of social life, the processes of social interaction, and the social influences shaping individual behavior. No prerequisite. I and II.

**12. AMERICAN SOCIETY. (3)**

Analysis of the structure, processes, and problems of American society. Course requires an off-campus practicum. No prerequisite: I and II

**111. THE FAMILY. (3)**

Examination of the major aspects of the family as a social institution; the current trends, changing nature, and possible developments of the family in the future. Prerequisite: SO 11. II

**112. SOCIOLOGY OF HEALTH AND ILLNESS. (3)**

How various cultures and socio-economic groups view health and illness; how they deal with health problems that arise; and how the current system of health care affects individuals. Prerequisite: SO 11. I

## SOCIOLOGY (SO)

**Major:** SO 11, 12; MA 50 (prerequisites for major in sociology) and 28 hours of upper division sociology. To be included in the 28 hours of upper division sociology are SO 171, 172, 178, 179, 188 and one course in each of the following areas: Area II, Area III, Area IV, Area V, and Area VI.

Graduation requirement: as partial fulfillment of the academic requirements for a degree in sociology, each student must complete the following requirements:

- a. Take the Graduate Record Examination in sociology.
- b. Take a written comprehensive examination on the course work completed in the Sociology Department. This examination will be constructed and graded by the faculty of the Sociology Department. The grade received will be placed on the permanent record of the student.
- c. Each student will be examined orally by the faculty of the department sitting as an examining board. The oral examination will cover comprehensive material.

**Minor:** SO 11, 12; twelve hours upper division sociology with each course selected from a different area.



**121. MINORITY GROUPS. (3)**

Study of dominant/minority relations in modern societies. Course content includes analysis of alternative sociological and psychological theories of prejudice, effects of minority status upon the individual and possibility for attitude and behavior change. Course offered alternate years. II

**122. BLACK SOCIOLOGISTS. (3)**

A survey and critical analysis of the literary, historical, and sociological products of the major black sociologists of the 20th century which are central to present day issues and problems of black-white relations in the United States. No prerequisite. II

**129. SOCIALIZATION AND ROLES OF WOMEN. (1)**

See WS/SO 129.

**129. SOCIOLOGICAL PERSPECTIVES. (1)**

See WS/SO 129.

**129. MINORITY WOMEN IN AMERICAN SOCIETY. (1)**

See WS/SO 129.

**130. SOCIAL SYSTEMS. (3)**

General analysis of systems theory with specific emphasis on the nature of the social system; the major types, and the process of change as it affects these systems. Prerequisite: SO 11. I

**131. COMMUNITY STUDIES. (3)**

The study of present day, major communities as social systems and man as a participant in them. Deals with the theories of community, community change and community problems; the methods of community research and the literature of community studies. Prerequisite: SO 11. I

**132. SOCIAL CHANGE. (3)**

Review of the major theories of social change, the sources, processes, counter forces and consequences of social change. The role of change agents in societal change. Prerequisite: SO 11. Course offered alternate years. II

**133. SOCIOLOGY OF AGING. (3)**

Study of the sociological, psychological and biological aspects of growing older to gain a better understanding of what aging is all about. Detailed look at social-psychological "problems" associated with older people in American Society. No prerequisite: II

**141. CULTURAL ANTHROPOLOGY. (3)**

A broad survey of social structures; economic, political and religious systems and other institutional aspects of primitive societies. A cross cultural approach. No prerequisite. Course offered alternate years. II

**143. CULTURE AND PERSONALITY. (3)**

Sociological and anthropological studies of the ways in which personality may function in or influence social systems. Prerequisite: SO 141. Course offered alternate years. II

**153. COLLECTIVE BEHAVIOR. (3)**

Investigation of the characteristics of crowds, mobs, publics, social movements. Relation of collective social behavior to social unrest and role in developing and changing social structure. No prerequisite. Course offered alternate years. II

**154. TOPICS IN SOCIOLOGY. (3)**

Seminar on topics of current interest in sociology. Content variable. Prerequisite: SO 11.

**155. POLITICAL SOCIOLOGY. (3)**

Analysis of socio/cultural components of who gets involved in politics, why they get involved, and types of political activity in which the individual participates. Also concerned with the political issues of American Society as well as the question of Mass Society. Prerequisite: SO 11. Off-campus practicum required. Course offered alternate years. I

**161. SOCIAL PSYCHOLOGY. (3)**

Study of the formation, structure, and functioning of groups including an analysis of group processes and group products in relation to the individual: his attitudes, beliefs, perception of self and others. Prerequisites: SO 11 and PY 11. I and II

**165. SOCIOLOGY OF EDUCATION. (3)**

Socio/cultural analysis of the educational institution: its structure, functions, problems, and prospects. No prerequisites. Course taught alternate years. II

**171. HISTORY OF SOCIAL THEORY. (3)**

The masters of sociological theory and the effects their own life-styles and the milieu in which they lived and worked had upon the character and substance of their thought. Permission of instructor. Course offered alternate years. II

**172. CONTEMPORARY SOCIAL THEORY. (3)**

Study of the current theories, major issues, problems, and advances central to the sociological theory of the 1970's. Prerequisite: SO 171. Offered alternate years. II

**178. INTRODUCTION TO RESEARCH. (3)**

Introduction to methodology and techniques; formulation of research problem; study design; hypothesis; sampling; measurement; questionnaire construction; interviewing and data collection; processing and tabulation; analysis and interpretation; presentation of findings. Permission of instructor. I

**179. APPLIED RESEARCH. (3)**

Students participate in a research project related to their major field. Prerequisite: SO 178. II

**186. DEVIANT BEHAVIOR. (3)**

Analysis and study of the nature, causation, social processes and consequences of deviance. Deals with the agencies and mechanisms for social control of deviance. Prerequisite: SO 11. II

**187. INDIANS OF THE AMERICAS. (2-3)**

Ethnographic studies of selected Indian cultures of North, Central and South America. Projective and nonprojective aids. Discussion seminar. No prerequisite. II

**188. SOCIOLOGY PRACTICUM. (3)**

Off-campus observation-participation, living-learning experience in social welfare/human services agencies and community development programs; internships in business, government and industry related to social problems and aspects. Sociology majors only.

## SPANISH (SP)

**Major:** SP 11, 12, 16, 17 or their equivalent; thirty hours in upper division Spanish including SP 122, 132, 142, 144, 146, 151, 152, 161, 162. A minor in a related field is optional.

**Minor:** SP 11, 12, 16, 17 or their equivalent; fifteen semester hours in upper division Spanish.

All Spanish majors and minors are required to spend at least two hours a week in the language laboratory.

**11, 12. BASIC SPANISH I, II. (3, 3)**

Elements of the language; aural comprehension, oral ability, reading and writing of simple Spanish. Two hours a week laboratory period. For students beginning Spanish or presenting one unit of high school Spanish.

**16. BASIC SPANISH CONVERSATION I. (3)**

Self-expression through systematic practice. Oral training through selected readings. Prerequisites: SP 11, 12 or their equivalent.

**17. BASIC SPANISH COMPOSITION II. (3)**

Review of Spanish grammar and emphasis on basic writing techniques. Prerequisite: SP 16 or equivalent.

**27. AMERICANS IN THE HISPANIC WORLD. (3)**

An important and necessary preparation for travelers and persons engaged in international business and commerce with special interest in Latin-America and Spain. (Offered in English or Spanish.)

**122. PENINSULAR SPANISH CIVILIZATION IN CONVERSATION. (3)**

A panorama of the culture and general history of Spain.

**125. PROFESSIONAL AND COMMERCIAL SPANISH. (3)**

An introductory course for the business and language student to the technical vocabulary of the business world. Special vocabulary includes terminology related to accounting, banking, investments, labor-management procedures, etc. (Offered in English or Spanish.)

**132. THE ART OF WRITING IN SPANISH. (3)**

Intensive oral and written practice. Emphasis on self-expression and automatic response in a higher level of the language. Grammar structures and idiomatic expressions aimed to the acquisition of a wider vocabulary.

**138. LATIN-AMERICAN GOVERNMENT AND POLITICS. (3)**

A panorama of the Constitutional Laws of Latin American States, local legal systems and the political scene, with analysis of the political parties, the principle of legitimacy, the "caudillo" and the contemporary political dilemma. (Offered in English only.) See PS 138.

**142. IBEROAMERICAN CIVILIZATION IN CONVERSATION. (3)**

A panorama of the culture of "Iberoamerica." Discussions about the origin of the American man, the confrontation of two cultures at the time of discovery; the colonial life and the struggle for independence; the Mexican Revolution of 1910; cross cultural and communication problems are some of the feature topics of the course.

**143. MINI-STORIES. (2-3)**

A selection of readings aimed to stimulate creative thinking through analysis of one of the most popular imaginative genres of today. Provides for independent study with the approval of the instructor.

**144. TRANSCULTURAL APPROACH TO THE MODERN SPANISH STAGE. (3)**

A study of various outstanding contemporary Spanish plays considered in their cultural, sociological and literary context. Lorca, Casona, Sastre and Buero-Vallejo among the playwrights to be studied.

**145. IBEROAMERICAN FOLKLORE. (2-3)**

An exciting learning experience aimed to provide students with a minimum background of the customs, beliefs, popular songs, dances, meals, proverbs and traditional folkstories. A useful course for better understanding the attitudes, values, emotions, ideals and appreciations of our American neighbors south of the border.

**146. CONTEMPORARY IBEROAMERICAN THEATRE. (3)**

A selection of today's representative plays from Central and South America covering the best playwrights of fifteen countries including Mexico.

**147. FICTION OF THE MEXICAN REVOLUTION. (3)**

The Mexican Revolution of 1910 seen through its most outstanding novelists. Offered in Spanish or in English translation, the course provides for independent study with the approval of the instructor.

**148. FICTION OF THE MAGICAL REALISM. (3)**

Borges, Cortazar, Rulfo, Garcia Marques, and Carpentier. Five masters representing Argentina, Mexico, Columbia, and Cuba. A sample of the "Magical Realism" movement in contemporary Latin-American fiction.

**149. THE ART OF TRANSLATION. (3)**

An approach to the art of translating from English into Spanish and from Spanish into English in order to overcome the major linguistic difficulties involved. An opportunity to improve the skill of doing oral and written translations from one language into the other.

**151, 152. STUDIES IN PENINSULAR SPANISH LITERATURE. (3, 3)**

Selected works representative of each literary period. Evaluation of significant authors through the reading of their writings. Alternate years.

**161, 162. STUDIES IN IBEROAMERICAN LITERATURE. (3, 3)**

Selected works representative of each literary period. Evaluation of significant authors through the reading of their writings. Alternate years.

**196, 197, 198, 199. PRACTICAL SPANISH SEMINARS. (1-4)**

Directed readings in Spanish literature, conferences, research papers. Provides for independent study-work with the approval of the instructor.

**ED 195. TEACHING OF SPANISH IN THE SECONDARY SCHOOL. (2)**

See ED 195 in the Education section.



## SPEECH AND THEATRE (ST)

Students may choose a major program in Speech and Theatre to obtain the following:

**Associate of Arts Degree**

(Major in Speech and Theatre)

**Bachelor of Arts Degree**

(Major in Speech and Theatre)

**Bachelor of Fine Arts Degree**

(Major in Speech and Theatre)

All courses listed are applicable to the above three degrees, major in Speech and Theatre.

A MINOR IN SPEECH AND THEATRE requires 18 hours selected with the consent of a Speech and Theatre advisor.

Students must maintain at least a "C" in all required Speech and Theatre courses

**• ASSOCIATE OF ARTS DEGREE**

(Major in Speech and Theatre)

Theatre Courses Required: ST 11, 14 or 17,  
16, 35, 45, 46, 55, 60, 132, 133, 188.

30 hrs.

Other Courses Required: EN 15, 151, 152;

PL 121; PY 11.

15 hrs.

Electives:

19 hrs.

Total 64 hrs.



## • BACHELOR OF ARTS DEGREE

(Major in Speech and Theatre)

Fields of Emphasis:

Theatre (Pre-professional)

Theatre Education

### THEATRE (PRE-PROFESSIONAL)

Basic Requirements: ST 11, 14 or 17, 16,

35, 45, 46, 50, 55, 60, 111, 132, 133,  
188, 198.

37 hrs.

Additional Elective ST hours, if desired

in area of concentration (Acting,

Directing, Design): up to 23 hrs.

Core Requirements and Electives (outside  
ST AREA): 91-68 hrs.

Total 128 hrs.

As a partial fulfillment of the requirements of ST 198, the student in his senior year will prepare a project with faculty guidance in which he will have the opportunity to exhibit his major emphasis, interests, and talents.

### THEATRE EDUCATION

Basic Requirements: ST 11, 14 or 17, 16

37 hrs.

35, 45, 56, 50, 55, 60, 111, 132, 133,  
188, 198.

Additional Elective ST hours, if desired: up to 23 hrs.

(recommended area of concentration

in Speech, Voice, Interpretation,

and Children's Theatre. Suggested

courses: ST 15, 18, 161, 180, 183,

185; ED 184, 195.)

Education Requirements (vary according 26-29 hrs.

to state): ED 121 or 123, 122, 163, 181

and/or 186, 193, 195, 196.

Core Requirements and Electives (outside  
ST area): 65-39 hrs.

Total 128 hrs.

## • BACHELOR OF FINE ARTS DEGREE

(Major in Speech and Theatre listing one area of concentration. If two or more areas of concentration are completed, only the primary area will appear as the specialty within the major.)

Fields of Emphasis:

Theatre (Professionally-oriented)

Theatre Education

### THEATRE (PROFESSIONALLY ORIENTED)

Basic Requirements: ST 11, 14 or 17, 16,

35, 45, 46, 50, 55, 60, 111, 132, 133,  
188, 198.

37 hrs.

ST hours required in upper division

Area of Concentration electives:

15 hrs.

(Acting, Directing, Design)

Other ST electives required: 23 hrs.

Core Requirements and Electives (outside  
ST area): 53 hrs.

Total 128 hrs.

As a partial fulfillment of the requirements of ST 198, the student in his senior year will prepare a project with faculty guidance in which he will have the opportunity to exhibit his major emphasis, interests, and talents.

### THEATRE EDUCATION

Basic Requirements: ST 11, 14 or 17, 16,

35, 45, 46, 50, 55, 60, 111, 132, 133,  
188, 198.

37 hrs.

ST hours required in upper division

Area of Concentration electives:

15 hrs.

(Acting, Directing, Design)

Other ST electives required: 23 hrs.

(Recommended in area of Speech,

Voice, Interpretation, and Children's

Theatre: ST 15, 18, 161, 180, 183, 185;

ED 184, 195)

Education Requirements (vary according 26-29 hrs.

to state): ED 121 or 123, 122, 163, 181

and/or 186, 193, 195, 196.

Core Requirements and Electives (outside  
ST area): 27-24 hrs.

Total 128 hrs.

## 11. SPEECH COMMUNICATION. (2)

Introduces the student to the principles and enables him to acquire basic skills of effective oral communication.

## 14. VOICE PRODUCTION I. (2)

A course designed for anyone who wishes to develop his voice, to increase his awareness and use of the emotional and connotative powers of his instrument, and to speak with influence and assurance.

## 15. VOICE PRODUCTION II. (2)

A cumulative course building on the techniques of ST 14 to ensure the continued development of a resonant, flexible and expressive voice. Prerequisite: ST 14 or permission of instructor.

## 16. ORAL INTERPRETATION OF LITERATURE I. (2)

Designed to increase the student's ability to communicate prose, poetry and drama from the printed page to an audience. Emphasis on expanding the understanding and enjoyment of literature and an awareness of rhythm, verbal melody and emotional shading appropriate to the selection.

## 17, 18. VOICE TRAINING, LESSAC METHOD I, II. (2,2)

A revolutionary visceral approach that enmeshes voice and speech with the emotional and physical energies of the individual. This synergism of energies enables the human voice to communicate every nuance of feeling and purpose.

## 20-26. FILM SERIES

Weekly showings of pertinent films followed by discussion bring students to a keen awareness of film as an art form that touches on related fields of art history, politics, sociology, and theatre.

## 20. ASPECTS OF HORROR FILM. (3)

## 21. ASPECTS OF COMEDY FILM. (3)

## 22. HISTORY OF MOTION PICTURE, U.S. (3)

**23. THE GENRE FILM. (3)**

**24. FILM SEMINAR—SELECTED DIRECTOR. (3)**

**25. HISTORY OF FILM, EUROPE. (3)**

**26. AMERICAN FILM SERIES. (3)**

**31-34. IMPROVISATIONAL THEATRE I, II, III, IV. (1, 1, 1, 1)**

Games to loosen physical and mental tensions so that the imagination and body will be stimulated to produce spontaneous and intuitive responses to improvisational situations.

**35. ACTING I. (3)**

Training in the basic elements of the performer's craft and emphasizing sensitivity training, imagination, concentration, physicalization, sense memory, emotional recall, specific objectives, mime and vocal communication. Requirement: audition for major productions and enrollment in DA 18 Creative Movement.

**40. SCENE DESIGN. (3)**

Principles and theories of design for stage settings. Emphasis upon working drawings and perspective renderings. Prerequisite: ST 45 or equivalent.

**45. STAGECRAFT. (3)**

Scenery construction and general stagecraft. Fundamental elements of stage design.

**46. LIGHTING I. (3)**

Principles and theories of lighting stage productions.

**50. STAGE MAKE-UP. (1)**

Techniques in application of make-up for specific characterizations, both straight and character. Study of the structure of the face and its relationship to make-up.

**55. COSTUME CONSTRUCTION. (3)**

Techniques of costume construction including a study of fabrics, color, fundamentals of pattern making; design and construction of costumes for stage productions.

**60. ORIENTATION TO THE THEATRE. (3)**

Designed for non-theatre and theatre majors. Facilitates the understanding and appreciation of drama as an art form, a study of what is drama, its various genres, and social impact. Required introductory course for theatre majors.

**111. SCRIPT ANALYSIS, DRAMATIC CRITICISM. (3)**

Skills acquired through consideration of various critical techniques and methods of script analysis with practical application to different dramatic genres.

**120. TELEVISION PRODUCTION I. (2)**

Techniques of television production, basic problems; equipment operation, programming, directing, acting.

**121. TELEVISION PRODUCTION II. (2)**

Television practicum; emphasis on programming and production.

**126. HISTORY OF COSTUME. (3)**

Survey of historical dress from the Egyptians to the present, with special emphasis on those periods most often used in theatrical productions.

**130. HISTORY OF MUSICAL THEATRE. (3)**

A study of the evolution of musical theatre; its effect on contemporary dramaturgy; its significance and influence in the modern world. Tapes, films and records used.

**132. HISTORY AND LITERATURE OF THE THEATRE I. (3)**

Development of theatre and drama from Greek period to Elizabethan.

**133. HISTORY AND LITERATURE OF THE THEATRE II. (3)**

Development of theatre and drama from Elizabethan period to present.

**135. ACTING II (3)**

A continuation of ST 35 with emphasis on scene work culminating in a campus presentation of scenes or one-act plays. Requirements: audition for major productions. Prerequisite: ST 35 or consent of instructor.

**136. PLAYWRITING. (3)**

Basic techniques of writing for the stage. Prerequisite: consent of the instructor. See EN 136.

**137, 138. COSTUME DESIGN I, II. (3, 3)**

Obtain variety of rendering techniques; capture psychological impacts and interpret the play and characters through design and color in costumes. Designing costumes as a part of the total production. Prerequisite: ST 55 or consent of instructor.

**139. ADVANCED SCENERY-PROP CONSTRUCTION. (3)**

Advanced techniques and skills acquired in specialties such as brazing and welding, furniture repair and upholstery, parallel construction and similar activities.

**140. ADVANCED SCENE DESIGN. (3)**

Advanced work in principles and theory of design; designing for Actors Laboratory Theatre productions.

**141. AMERICAN DRAMA. (3)**

A survey of American drama. See EN 141.

**145. MODERN EUROPEAN DRAMA. (3)**

Reading and interpreting plays of modern dramatists: Ibsen, Shaw, Pirandello, Eliot, Sartre, Beckett, Pinter, Ionesco, among others. See EN 145.

**146. ADVANCED LIGHTING. (3)**

Advanced problems in stage lighting.

**151-153. RADIO PROGRAMMING, BROADCASTING I, II, III. (3, 3, 3)**

Learning and applying the fundamentals of radio broadcasting through direct work in radio studio. Airing of weekly Avila Radio Theatre Program possible.

**155. SHAKESPEARE: TRAGEDIES. (3)**

See EN 155.

**157. SHAKESPEARE: COMEDIES AND HISTORIES. (3)**

See EN 157.

**159. REHEARSAL AND PERFORMANCE. (1-2)**

Solving acting problems under guidance in physicalization of attitude and emotion as revealed through work on productions. May be repeated. Prerequisite: departmental approval.

**160. THEATRE TECHNICAL PRACTICE. (1-2)**

Participatory stagecraft and production experience. May be repeated. Prerequisite: departmental approval.

**161. ORAL INTERPRETATION OF LITERATURE II. (2)**

An extension of ST 16. At this level there is greater involvement with classical forms and exploration into areas of Readers Theatre and Chamber Theatre. The focus is placed on programs of performance quality. Prerequisite: ST 16 or permission of instructor.

**165. STAGE MANAGEMENT. (3)**

Techniques of stage managers in production.

**166. THEATRE MANAGEMENT. (3)**

Survey of business management in educational, community, and professional theatre.

**175. REPERTORY THEATRE (Technical). (3)**

Construction of scenery, lights, sound, properties, and costumes in preparation for repertory.

**176. REPERTORY PRODUCTION. (3)**

Participation in repertory performances.

**180. CHILDRENS SUMMER THEATRE WORKSHOP. (3)**

A Day Center Theatre Workshop for children. Student advisers working with instructor plan and supervise the workshop culminating in public presentation.

**181, 182. ADVANCED ACTING I, II. (3, 3)**

Primarily slanted toward the student carrying an emphasis in "Acting/Directing." A fusion of prior work in voice, movement and acting. Stress is placed on the art of ensemble acting. Participation in theatre production is mandatory. Prerequisites: ST 35 and 135 or departmental approval.

**183. CREATIVE DRAMATICS. (2)**

Methodology, techniques, and philosophy of working with children in creative dramatics programs with specifics for various age levels. (Lab work with children when possible.)

**ED 184. SPEECH FOR THE ELEMENTARY SCHOOL. (2)**

Procedures and techniques for teaching speech as an aid to the classroom teacher with or without special training in speech. Voice training, bodily activity, rhythm, curricular correlation, and extracurricular activities.

**185. CHILDRENS THEATRE. (3)**

Play production for the child audience. Directing, scene design and techniques for staging. Participation in production possible.

**186, 187. ACTING STYLES I, II (3, 3)**

Projects in modes of acting from classical to modern. Prerequisites: ST 35, 135, 181, 182 or departmental approval.

**188, 189. PLAY DIRECTING I, II (3, 3)**

Fundamentals of play directing. Study and written directorial analyses of scripts during first semester. Practical application of principles and directorial concepts in studio projects during second semester. Prerequisite: ST 35.

**190, 191. ADVANCED DIRECTING I, II, (3, 3)**

Further analysis and application of direction concepts in preparation (if feasible) for production. Prerequisites: ST 188, 189 or departmental approval.

**193. SUMMER THEATRE WORKSHOP. (3-6)**

An Actors Laboratory Theatre; under departmental guidance, students act, direct, design, and light their own productions in working environments that culminate in public performances. Prerequisite: Consent of instructor.

**194. DIRECTING PRACTICUM. (1-2)**

Participatory experience gained by assuming the duties of Assistant Director for a departmental production. Prerequisite: Departmental approval.

**ED 195. TEACHING OF SPEECH IN THE SECONDARY SCHOOL. (2)**

Methods and materials for developing skill and proficiency in all types of speech and in specialized types of performance.

**198, 199. DIRECTED STUDIES/TUTORIALS I, II. (3, 3)**

This course is intended to fulfill the particular needs and interests of the student nearing graduation. The student will pursue, under faculty supervision, an advanced study project in the area of his choice. Prerequisite: departmental approval.



# WOMEN'S STUDIES (WS)

No Major offered.

**Minor:** Eighteen hours in Women's Studies to be chosen with the approval of the adviser.

## **WS/BI 129. BIOLOGICAL AND GENETIC CONSIDERATIONS OF SEX DIFFERENCES. (1)**

Besides a consideration of the physical and hormonal differences between men and women, the course will consider such topics as: mechanisms of sex determination; sexual anomalies; personal and social influences on gender identity; and gender differences in human development and disease susceptibility. I.

## **WS/EC 129. CONSUMERISM. (3)**

Designed to introduce the student to the difficulties the consumer faces as he tries to make wise choices among a host of alternatives. Provides an understanding and appreciation of the role of, and the problems faced by, the ultimate consumer of goods and services.

## **WS/EN 129. IMAGES OF WOMEN IN LITERATURE. (1-3)**

Discussion of novels, short stories, poetry, and drama that deal with woman's changing roles in life, her psychological motivations, and her struggles to understand self and realize her individuality. This course will be taught in three mini sections that may be selected independently. The three sections are:

**Women in Literature to 19th Century. (1) II.**

**Women in Literature from Late 19th Century to World War II. (1) II.**

**Contemporary Women. (1) II.**

## **WS/FR. 129. WOMEN IN FRENCH LITERATURE. (1)**

An introduction to the roles of women as represented by French literature. Both historical and contemporary aspects will be studied. II.

## **WS/HI. 129. WOMEN'S LIBERATION MOVEMENT: A HISTORICAL PERSPECTIVE. (1)**

Covers the history of the image of women in America and the history of the feminist movement in the United States.

## **WS/PL 129. PHILOSOPHICAL PERSPECTIVES OF WOMEN. (1)**

This course has three objectives: 1) to examine and critique the grounds for certain positions with regard to women; 2) to learn the implications for women with regard to certain philosophical systems; 3) to formulate one's own philosophy of woman.

## **WS/PH 129. HOME REPAIRS AND THE FEMINIST. (1)**

An understanding of the principles underlying the operation of such household items as light switches, plugs, electric coffee pots, washers and dryers. II.

## **WS/PH 129. AUTOMOTIVE TECHNOLOGY. (1)**

A course explaining the different systems of the automobile — starting system, ignition system, fuel system, etc. and showing how to keep them in good condition and what to do if things go wrong. II.

## **WS/PS 129. WOMEN IN POLITICS. (1)**

Study of the racial basis of female participation in the American political process: who participates and why; political issues relevant to American women; legal rights of females; power and minority status.

## **WS/PY 129. PSYCHOLOGICAL ASPECTS OF BEING FEMALE. (3)**

Exploration of the psychological factors contributing to female needs and personality traits. The personal assets and strains associated with female psychology will be related to students' personal experiences.

## **WS/RS 129. FEMALES IN THE MALE CHURCH. (1)**

This course will study the attitudes towards women in the Bible and the history of Christianity and attempt to identify the roles that women would like to exercise in the Church today. II.

## **WS/SO 129. SOCIALIZATION AND ROLES OF WOMEN. (1)**

Analysis of the socialization and education of the American female; the consequences of this socialization; and the roles women traditionally perform and may perform in the future. I.

## **WS/SO 129. SOCIOLOGICAL PERSPECTIVES. (1)**

Comparative analyses of the changing roles of women in a changing world with special focus on women in the professions of sociology and social work. Also deals with minority females in American society.

## **WS/SO 129. MINORITY WOMEN IN AMERICAN SOCIETY. (1)**

The critical study of two ethnographies of the roles of women in primitive cultures: one by a female; another by a male anthropologist. Also compares the field experiences of the female anthropologist and the influences of sex and role on the attitudes and responses of the people she lives among and the kinds of problems she faces as a stranger and woman in a foreign culture.

# ADMINISTRATION

## BOARD OF TRUSTEES

**Alfred J. Blasco** (1967) Senior Vice President, Interstate Securities Corporation, Kansas City, Missouri. Chairman.

**Sister Mary Laurent Duggan** (1971) Provincial Superior, St. Joseph Provincialate, St. Louis, Missouri.

**Sister Olive Louise Dallavis** (1962) President, Avila College, Kansas City, Missouri.

**Sister Mona Marie Buergher** (1971) Provincial Treasurer.

**Mrs. Clarence Goppert** (1969) Director, Goppert Foundation, Prairie Village, Kansas.

**Norman P. Gordon** (1967) Attorney and Senior Partner, Gordon, Adams, and Gordon, Kansas City, Missouri.

**Ole C. Jensen** (1969) C.P.A. and Business Consultant, Kansas City, Missouri.

**Julian Knopke** (1971) President, Contractors Supply Company, Kansas City, Missouri.

**John C. McKelvey** (1973) President, Midwest Research Institute, Kansas City, Missouri. 35

**William D. Webb** (1969) Secretary, Kansas City Power and Light Company, Kansas City, Missouri.

**Sister Helen Zambrowicz** (1973) Sisters of St. Joseph of Carondelet, Kansas City, Missouri.

## ADMINISTRATIVE OFFICERS AND STAFF

**Sister Olive Louise Dallavis** (1952) President. B.M., Fontbonne College; M.M., University of Illinois.

**G. Richard Scott** (1964) Academic Dean. Associate Professor of History and Political Science. B.A., M.A., Central Missouri State University.

**Lynn Cupkie** (1972) Dean of Students. Associate Professor of Psychology. B.A., M.S.Ed., St. Cloud State College; Cand. Ph.D., University of Missouri-Kansas City.

**Sister Anna Schlett** (1959) Registrar. B.S., Fontbonne College.

**Wilford H. Chatham** (1975) Director of Admissions. B.A., Loras College.

**Donald Madelung** (1975) Director of Financial Aid. B.A., Augustana College.

**Sister Una Marie Brumback** (1969) Librarian. Associate Professor of Library Science. B.A., Fontbonne College; M.A., College of St. Catherine.

**Sister Mary Paul Purfield** (1974) Assistant Librarian. Assistant Professor of Library Science. B.A., Fontbonne College; M.A., Rosary College.

**Bruce Bradley** (1975) Assistant Librarian and Instructor in Library Science. A.B., Carleton College; M.S., University of Illinois.

**Reverend Hugh Mullins** (1975) Chaplain. B.A., Conception College.

**Sister Ruth Stuckel** (1966) Director of Campus Ministry. Assistant Professor of Philosophy. B.A., Fontbonne College; M.A., Fordham University; Cand. Ph.D., University of Kansas.

**John Bopp** (1972) Director of Counseling and Related Services Center, Assistant Professor of Psychology. B.A., Immaculate Conception College; M.S., Chadron State College; Cand. Ph.D., University of Missouri-Kansas City.

**Patricia Ernst** (1976) Coordinator of Career Education and Placement. B.A., Webster College; M.A., Northeast Missouri State University.

**William Waris** (1974) Athletic Director and Head Basketball Coach. B.A., Creighton University; M.S., Cand. Ed.S., Central Missouri State University.

**Kenneth Wever** (1973) Business Manager. Northwestern State College.

**Margaret Veatch** (1973) Admissions Representative. B.A., Loretto Heights.

**Judith A. Morrow** (1975) Admissions Representative. B.A., William Jewell College.

**David Kerr** (1976) Admissions Representative. B.A., Avila College.

**Lou Sondern** (1975) Director of Public Relations. B.A., Clarke College.

**Sister Rose Anthony Schmitt** (1953) Coordinator of Alumni Records and Mailroom. B.A., Fontbonne College; M.A., St. Louis University.

**Janice Kreamer** (1974) Director of Grants and Affirmative Action. B.S., Iowa State University.

**Janice Holton** (1976) Transfer Consultant. B.A., Avila College.

**Judy Gemeinhardt** (1973) Director of Student Health Service.

**Jeffrey Nemens** (1975) Director of Development. B.A., Central Michigan University; M.A., Marshall University.

**Thomas R. Lease** (1976) Director of Student Life Activities. B.A., Moorhead State College.

**Barbara A. Duff** (1975) Director of Housing. B.A., Avila College.

## BOARD OF COUNSELORS

Richard F. Adams

Charles E. Arntsen

Ron Bennett

Edwin Borserine\*

Kathleen Borserine

Henry A. Bundschu\*

Howard Buntin

Gar Cantrell

Richard Coleman

Roy E. Daly\*

Paul DeBacco

Bernard Dickens

Patricia Doyle\*

Gerald T. Elliot

John J. Fallon

Harold B. Fisher\*

G. Robert Fisher

James Flanagan

Dr. Braham Geha\*

James Green

Stephen Hodes\*

Angela Hoedl\*

Justine Hopper\*

Bert Incani

Virginia Irvine

Howard Kaye

John J. Kitchin

Helm Lillis

Mary Lou Lillis

Mrs. Roy Martin

Henry Massman III\*

Mary Jo McCann

Francis J. McElhatton\*

Joseph J. McGee, Jr.\*

Carl Migliazzo\*

Virginia Hogan Murphy

John O'Hern

Jerry T. Powell

Mrs. Helen deClercq Reedy

Robert Reintjes

Edmund B. Smith

Jerome A. Smith\*

Charles Stevenson

Arthur R. Stock\*

Byron G. Thompson\*

Edward A. Thornhill, Chairman

Barry West

Jack Wheeler\*

Dorothy Whitfield

Harry Wiggins

Robert Wormington

\*Honorary members



# MEMBERS OF THE FACULTY

**Jane Adelsberger** (1966) Associate Professor of English and Chairman of the Department of Modern Languages. B.A., Fontbonne College; M.A., Ph.D., University of Notre Dame.

**Charles Armstrong** (1976) Instructor in Business. B.A., Avila College.

**Elizabeth Arsuaga** (1976) Instructor in Nursing. B.S.N., College of St. Joseph on the Ohio; M.N., Emory University.

**Roger Atwell** (1975) Instructor in Speech and Theatre. B.A., University of Missouri-Kansas City.

**Richard Baranczuk** (1976) Instructor in Biology and Chemistry. B.S., Loyola University of Chicago; M.S., Northern Illinois University; Ph.D., Medical College of Georgia.

**Marilyn Barrie** (1975) Instructor in Speech and Theatre. B.A., Wichita State University; M.A., University of Denver; Cand. Ph.D., University of Kansas.

**Florence Beck** (1940-1963) Professor Emerita. Deceased. Philosophy.

**Sister Jean Bink** (1976) Instructor in Business. B.A., Fontbonne College; M.A., St. Louis University.

**Richard Blume** (1974) Instructor in the Administration of Justice. B.A., Avila College.

**Deanne Badenhausen** (1975) Instructor in Nursing. B.S.N., Avila College.

**Patricia Bawen** (1975) Instructor in Physical Education.

**Michael Braude** (1974) Instructor in Business. B.S., M.S., University of Missouri-Columbia.

**Frank Brennan** (1974) Instructor in Business. B.A., J.D., Saint Louis University.

**Myron Brody** (1976) Assistant Professor of Art. B.F.A., Philadelphia College of Art; M.F.A., University of Pennsylvania.

**Mona Brook** (1976) Assistant Professor of Education. B.A., Brooklyn College; M.S., Ed.D., University of Kansas.

**Sharon Brown** (1976) Instructor in Nursing. B.S., University of Missouri-Kansas City.

**James Browning** (1973) Instructor in the Administration of Justice. B.S., Central Missouri State University.

**Cheryl Bruce** (1976) Instructor in Physical Education.

**George Bryde** (1954) Associate Professor of Philosophy. B.A., M.A., Saint Louis University; M.A., University of Missouri-Kansas City.

**Adele Butterfield** (1975) Instructor in Business. B.A., College of St. Mary.

**MaryAnn Caffrey** (1975) Instructor in Music. B.A., Avila College.

**Dorothy Canham** (1972) Instructor in Education. B.S., Baker University; M.S., University of Michigan.

**Paul Chamberlain** (1975) Instructor in Physical Education. B.A., M.A., Colorado State College.

**David Coats** (1976) Instructor in Education. B.F.A., Kansas City Art Institute.

**Ron Coles** (1971) Assistant Professor of Speech and Theatre. B.A., University of Miami; M.A., University of Missouri-Kansas City.

**Karen Conley** (1972) Assistant Professor of Nursing. B.S.M., University of Kansas; M.A., University of Missouri-Kansas City.

**Judith Conway** (1972) Assistant Professor of Nursing. B.S.M., University of Kansas; M.A.Ed., University of Missouri-Kansas City.

**Janice Cowherd** (1975) Instructor in Nursing. B.S.N., Avila College.

**Martha Crow** (1974) Instructor in Art. B.A., Oberlin College; M.A., University of Missouri-Kansas City.

**Paul DeBacco** (1973) Instructor in Business. B.S., Seton Hall University; M.B.A., New York University.

**James Dechant** (1972) Instructor in Social Work. B.A., Pontifical College; M.S.W., University of Kansas.

**Colette Dennihan** (1975) Instructor in Music. B.M., Mt. St. Scholastica; M.M.Ed., University of Missouri.

**Jeremy DeWick** (1972) Instructor in Business. B.A., Baker University; M.B.A., Texas Technological College.

**Sister Colette Marie Doering** (1970) Assistant Professor of Art. B.A., Fontbonne College; M.A., University of Illinois.

**Edward W. Donovan** (1973) Assistant Professor of Biology. B.S., Pembroke State College; M.S., Clemson University; Ph.D., Indiana State University.

**Elizabeth Draper** (1975) Instructor in Physical Education.

**Michelle Dugan** (1975) Instructor in Psychology. B.A., University of Missouri-Kansas City.

**Mary Anne Edwards** (1975) Instructor in Business. B.S., University of Kansas; M.B.A., University of Missouri-Kansas City.

**Cheri Effertz** (1975) Instructor in Physical Education.

**Edrea Eisenhauer** (1973) Instructor in Religious Studies. B.S., Mt. St. Scholastica; M.A., St. John's University.

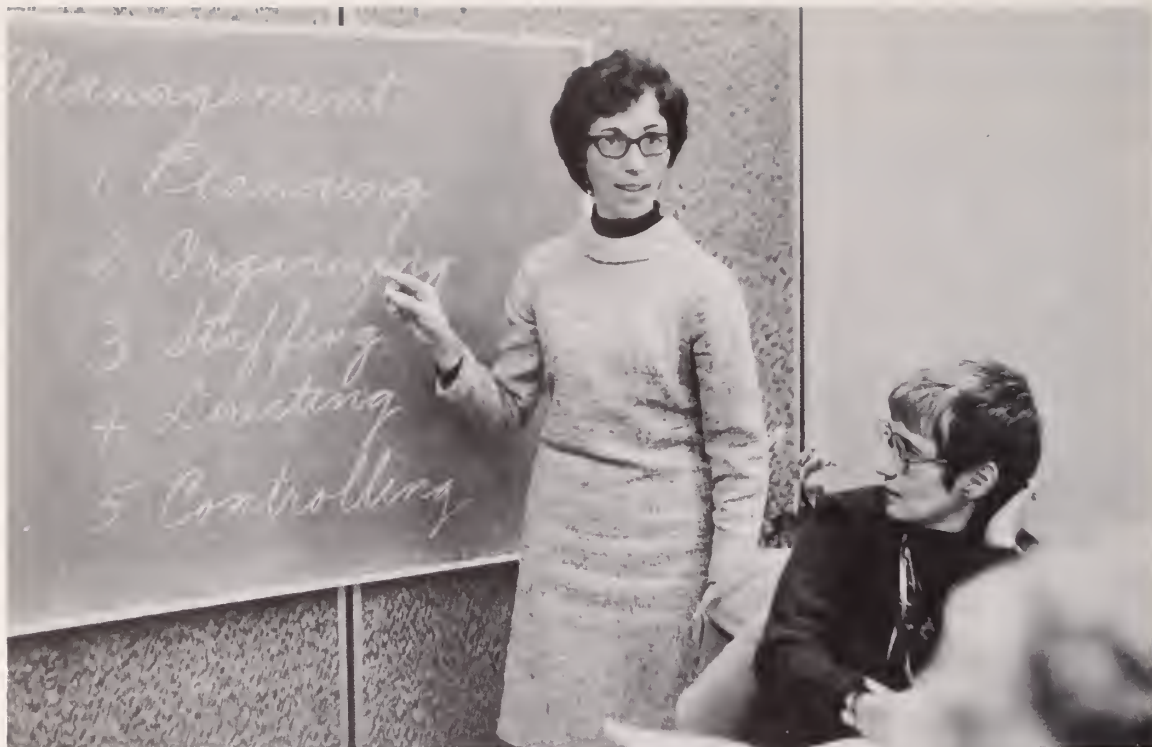
**Sister Marie Georgette Eschbacher** (1962) Professor of Education and Chairman of the Department of Education and Psychology. B.A., Fontbonne College; M.A., St. John College, Cleveland; Ph.D., Catholic University of America.

**Marilyn Esser** (1973) Instructor in the Avila Learning Center. B.A., Avila College.

**Dawood Farahi** (1975) Assistant Professor of Political Science. B.A., Kabul University; M.A., Cand. Ph.D., University of Kansas.

**Ida Rose Feingold** (1969) Instructor in Education. B.S., Teachers College of Kansas City; M.A., Columbia University.

**Sister Mary Fitzpatrick** (1972) Assistant Professor of Mathematics. B.A., Loretto Heights College; M.S., DePaul University; Ph.D., Catholic University of America.



**Sister Rita Flaherty** (1968) Assistant Professor of Mathematics. B.A., Fontbonne College; M.A., Saint Louis University.

**James Flanagan** (1973) Instructor in Business. B.S., J.D., University of Missouri-Kansas City.

**John Franklin** (1976) Instructor in Business. B.S., Southern Illinois University-Edwardsville.

**Stephen Fried** (1974) Instructor in Psychology. B.A., Emporia State College; Ph.D., University of Tennessee.

**Dorothy Gollagher** (1949-1962) Professor Emerita. Sociology.

**Shiloh Gories** (1974) Instructor in Nursing. B.S.N., Avila College.

**Edwina Goston** (1975) Instructor in Nursing. B.S.N., University of Kansas.

**Fred A. Geer** (1975) Instructor in Education. B.S.E., M.S., Kansas State Teachers College; Cand. Ph.D., University of Kansas.

**Paul Gershon** (1975) Instructor in Economics. B.S., Oklahoma University; M.B.A., University of Missouri-Kansas City.

**JoEllen Gilliam** (1974) Instructor in Education. B.S., M.S., Central Missouri State University.

**Sister Paulette Gladis** (1973) Associate Professor of Business and Economics and Chairman of the Department of Business. A.B., Fontbonne College; M.B.A., University of Notre Dame; Ph.D., University of North Dakota.

**Larry Glennemeier** (1976) Instructor in Business. B.S., Fort Hays Kansas State College.

**Fred Goldman III** (1976) Instructor in Business. B.A., Beloit College; J.D., University of Kansas.

**Charles Goodman** (1974) Instructor in Business. B.A., Knox College; M.B.A., University of Michigan.

**Phyllis Goodman** (1973) Instructor in Business and Economics. B.S., Miami University, Ohio; M.B.A., University of Michigan.

**Linda Guerry** (1976) Instructor in Nursing. B.S.N., University of Kansas.

**Flora Hall** (1975) Instructor in Dance. B.A., University of Missouri-Kansas City.

**Marie Hamil** (1975) Instructor in Nursing. B.S.N., Avila College.

**Carol Hamilton** (1976) Instructor in Nursing. B.A., University of Missouri.

**Jerrold Hamilton** (1976) Instructor in Business. B.A., M.P.A., University of Missouri-Kansas City.

**Sandra Handley** (1975) Instructor in Nursing. B.S.N., University of Pennsylvania; M.N., University of Kansas.

**Timothy Hardin** (1974) Instructor in Education. B.S., M.S., State University of Illinois; Ph.D., University of Kansas.

**Laurence Harkness** (1974) Instructor in Business. B.A., Rockhurst College; M.S., University of Missouri-Columbia.

- George Harris** (1974) Instructor in Psychology. B.A., University of Missouri-Columbia; M.A., University of Missouri-Kansas City.
- Linda Harris** (1973) Instructor in Nursing. B.S.N., Indiana State University.
- Sister Marie Joan Harris** (1970) Associate Professor of Chemistry. B.A., Fontbonne College; Ph.D., University of Kansas.
- John Haseltine** (1976) Instructor in Speech and Theatre. B.A., University of Missouri-Kansas City.
- Sister Felice Helmes** (1948) Professor Emerita and Artist-in-Residence. B.A., Fontbonne College; M.A., Catholic University of America. Speech and Theatre.
- Mary Heschmeyer** (1976) Instructor in Nursing. B.S.N., Avila College.
- Helen Hill** (1970) Assistant Professor of Nursing. B.S.N.Ed., Saint Louis University; M.S.N., University of Kansas.
- Eileen Hubsky** (1970) Associate Professor of Nursing. B.S.N., Montana State University; M.N., University of Washington.
- Ruth Hummel** (1976) Instructor in Psychology. B.A., Indiana University of Pennsylvania; M.A., Ohio State University.
- Mildred Jensen** (1975) Instructor in Physical Education.
- Virginia Johnston** (1971) Instructor and Coordinator of Allied Health. B.S., University of Minnesota.
- Reverend Ambrose Karels** (1976) Instructor in Music. B.A., Kenrick Seminary. Director of Music, Diocese of Kansas City-St. Joseph; Director, Pontifical Choir.
- Howard Kaye** (1973) Instructor in Business. B.S., University of Pennsylvania.
- Bradford Keeney** (1976) Instructor in Psychology. B.S., Arizona State University; M.A., University of Missouri-Kansas City.
- Kathryn Kelm** (1973) Instructor in Business. B.A., Avila College.
- Judy Kennett** (1975) Instructor in Art. B.F.A., Washington University; M.A., University of Missouri-Kansas City.
- Ann Kettering** (1976) Instructor in Business. B.A., Loretto Heights College; M.A., Northwestern University.
- Geraldine Kinerk** (1975) Instructor in Physical Education. B.A., Avila College.
- Darrel Kizer** (1976) Instructor in Art.
- Carol Kotsifakis** (1975) Instructor in Speech and Theatre. B.A., University of Missouri-Kansas City.
- Sister Paul Joseph Koutsoumpas** (1968) Assistant Professor of Chemistry. B.S., Fontbonne College; M.S., Saint Louis University.
- Sister Joan Lampton** (1975) Instructor in History. B.A., Fontbonne College; M.A., Saint Louis University.
- Linda Larson** (1975) Instructor in Nursing. B.S.N., University of Kansas.
- H. Paul LeMaire** (1973) Associate Professor of Religious Studies and Chairman of the Department of Religious Studies and Philosophy. A.B., M.A., Berchmans College; S.T.L., Woodstock College; Ph.D., University of Strasbourg.
- Antonio Tony Leon** (1966) Assistant Professor of Education and Spanish. B.A., Havana's No. 1 Institute, Cuba; LL.D., University of Havana; M.A., University of Missouri-Kansas City.
- Elaine LeVine** (1973) Assistant Professor of Psychology. B.S., University of Wisconsin; M.S., Ph.D., University of Missouri-Kansas City.
- Lawrence Lewis** (1972) Assistant Professor of Business and Economics. B.B.A., M.A., University of Missouri-Kansas City.
- Norma Lee Lewis** (1962) Professor of Nursing and Chairman of the Department of Nursing. B.S.N., Avila College; M.S., University of Colorado.
- Beverly Lindell** (1976) Instructor in Nursing. B.S.N., North Park College.
- Beverly Lindsey** (1972) Associate Professor of Nursing. B.S.N., University of Missouri-Columbia; M.S., University of Colorado.
- Martha Liu** (1974) Instructor in Montessori Education. Avila College.
- William J. Louis** (1973) Associate Professor of Speech and Theatre. Chairman of the Department of Fine Arts. A.B., M.A., Boston College; Ph.D., Stanford University.
- James Loutzenhiser** (1976) Instructor in Psychology. B.S., M.D., University of Pittsburgh.
- Billy G. Lynn** (1975) Instructor in Economics. B.A., Blackburn College; M.A., University of Missouri-Kansas City.
- Michael Mann** (1976) Instructor in Business. B.A., Rockhurst College; J.D., University of Missouri-Kansas City.
- Sister de La Salle McKeon** (1945) Professor of Music. B.M., Fontbonne College; M.M., DePaul University; Ph.D., Eastman School of Music.
- Sister Germaine Matter** (1946) Professor of French. B.A., Fontbonne College; M.A., Saint Louis University; Ph.D., Laval University, Quebec.
- Sister Virginia May** (1966) Associate Professor of French and Coordinator of Foreign Studies. B.A., Fontbonne College; M.A., Laval University, Quebec.
- Marilyn Metzl** (1975) Instructor in Education. B.A., Queens College; M.A., Hunter College of the City University of New York.
- Harold Mezile** (1972) Instructor in Social Work. B.A., M.S.W., University of Missouri.
- Gerald L. Miller** (1975) Assistant Professor of Economics. A.B., Benedictine College; M.A., Ph.D., University of Notre Dame.
- Lawrence Miller** (1972) Instructor in Education. B.S., Northwest Missouri State College; M.A., University of Missouri-Kansas City.



**Joseph Miniace** (1974) Instructor in Business. B.A., Creighton University.

**Sister Barbara Ann Moore** (1966) Instructor in Nursing. B.S.N., Avila College; M.S., University of California at San Francisco.\*

**Lea Muller** (1976) Instructor in Nursing. B.S.N., Olivet Nazarene College.

**Barbara Myers** (1968) Assistant Professor of Education. B.S., Central Missouri State University; M.S., University of Kansas.

**Robert Nash** (1973) Instructor in Business. B.A., Gannon College.

**Kathleen Neff** (1969) Instructor in English. B.A., University of Dallas; M.A., University of Kansas.

**Dona K. Neuman** (1968) Associate Professor of Sociology and Political Science. Chairperson of the Department of Social Sciences. B.A., University of California; Cand. Ph.D., Northwestern University.

**Janis Norman** (1975) Instructor in Art. B.A.E., University of Kansas; M.A., University of Missouri-Kansas City.

**Elizabeth Norris** (1971) Assistant Professor of Social Work. B.A., Immaculate Heart; M.S.W., University of Kansas.

**Mary Oberg** (1976) Instructor in Nursing. B.S.N., Kansas State College of Pittsburg.

**M. Sue O'Herron** (1975) Instructor in Nursing. B.S.N., University of Missouri-Columbia.

**Geneva Perkins** (1976) Instructor in Nursing. B.S.N., University of Missouri-Columbia; M.Ed., University of Missouri-Kansas City.

**Annette Pfannenstiel** (1974) Instructor in Religious Studies. B.A., Marymount College; M.A., Manhattanville College.

**C. Kermit Phelps** (1961) Visiting Professor of Psychology. B.A., M.A., Ph.D., University of Kansas.

**Marshall Picow** (1975) Instructor in Economics. B.S., Oklahoma City University; M.A., University of Oklahoma.

**John Pitchford** (1976) Instructor in Music. B.A., Idaho State University; M.S., Kansas State University; M.M., Manhattan School of Music, New York.

**Robert Powell** (1972) Instructor in Biology. B.A., University of Missouri-Columbia; M.A., University of Missouri-Kansas City.

**Sister Margaret John Purcell** (1963) Professor of English. B.A., Fontbonne College; M.A., Saint Louis University; Ph.D., University of Missouri.

**Terrence Pyle** (1974) Instructor in Business. B.S., Marquette University; J.D., University of Missouri-Kansas City.

**Michael Quanty** (1975) Instructor in Psychology. B.A., M.A., University of Missouri-Columbia.



**O. Paul Ray** (1974) Instructor in Education. B.S., Southwest Missouri State University; M.Ed., University of Missouri-Columbia; Ed.S., Central Missouri State University.

**Sister Margaret Reinhart** (1945) Artist-in-Residence. Professor of Art. B.A., Fontbonne College; M.A., University of Missouri.

**Rosemary Rejba** (1973) Assistant Professor of Nursing. B.S.N., Avila College.

**Lynn Richards** (1974) Instructor in Business. B.A., M.A., Wichita State University.

**Mary Frances Roberts** (1971) Assistant Professor of Nursing. B.S.N., M.N., University of Kansas.

**James Roleke** (1974) Instructor in Education. B.S., M.S., Central Missouri State University.

**Reverend C. Duane Ryan** (1974) Instructor in Music. St. Louis Preparatory Seminary. Kenrick Seminary; B.A., Avila College.

**James Sandifar** (1974) Instructor in Business. B.A., J.D., University of Missouri-Kansas City.

\*On leave for study



**Gordon Schmittling** (1976) Instructor in Mathematics. M.S., Iowa State University.

**Phyllis Seaman** (1971) Instructor in Montessori Education.

**Jenean Sears** (1971) Instructor in Nursing. B.S.N., University of Kansas.

**Charles Shapiro** (1976) Assistant Professor of Social Work. B.A., M.S.W., State University of New York at Buffalo; D.S.W., University of Denver.

**John Shaw** (1975) Instructor in Physics. B.S., University of Missouri-Kansas City.

**Linda Short** (1975) Instructor in Nursing. B.S.N., Avila College.

**Stephen Sirridge** (1975) Assistant Professor of Education. B.A., M.S., Ph.D., University of Kansas.

**George Smith** (1975) Instructor in Art. B.F.A., Kansas City Art Institute; M.F.A., Southern Illinois University.

**Sister Martha Smith** (1965) Professor of History. B.A., Fontbonne College; M.A., Ph.D., Saint Louis University.

**Delores Snell** (1974) Instructor in Business. B.S., University of Nebraska.

**Vincent Southerland** (1974) Instructor in Business. B.A., Bethany College; M.Ed., Wyoming University.

**Melva Steen** (1976) Instructor in Nursing. B.S.N., Northern Michigan University; M.A., University of Missouri-Kansas City.

**Joseph Stofiel** (1975) Instructor in Psychology. B.A., M.A., University of Missouri-Kansas City.

**David Storm** (1974) Instructor in Social Work. B.A., M.S.W., University of Kansas.

**C. Larry Sullivan** (1973) Assistant Professor of Chemistry and Chairman of the Department of Natural Sciences and Mathematics. B.S., University of Pittsburgh; Ph.D., Case Western Reserve University.

**Kathryn Sullivan** (1974) Instructor in Nursing. B.S.N., Nazareth College; M.A., University of Missouri-Kansas City.

**Robert Sullivan** (1975) Instructor in Business. B.S., Kansas State University, Pittsburgh; J.D., University of Kansas; LL.M., Emory University.

**Sister Ann Dominic Tassone** (1963) Associate Professor of Mathematics. B.S., Fontbonne College; M.S., University of Notre Dame.

**Gaylin Thomas** (1972) Assistant Professor of Music. B.A., Utah State University; M.A., Brigham Young University.

**Robert Thompson** (1973) Instructor in Music. B.A., University of Wisconsin.

**Donald Thorman** (1976) Instructor in Business. B.A., DePaul University; M.S.A., Loyola University.

**John Tibbells** (1976) Instructor in Speech and Theatre. B.A., M.A., University of Kansas.

**Daniel E. Tira** (1973) Instructor in Psychology. B.S., Illinois Benedictine College (St. Procopius); Ph.D., Ohio State University.

**David Uhlik** (1973) Assistant Professor of Biology. B.S., St. Edwards University; M.A., University of Texas, Austin; Ph.D., University of Missouri-Columbia.

**Ila Jean Ulrich** (1972) Assistant Professor of Nursing. B.S.N., Colorado University; M.A., University of Missouri-Kansas City.

**Martin Ward** (1973) Instructor in Business. B.A., Sterling College; M.S., Kansas State University.

**Jennifer Waterman** (1975) Tennis Coach. Acton College, London; Alliance Francaise, Paris.

**Martha Weber** (1975) Instructor in Business. B.A., Avila College.

**Thomas A. Webster** (1962-1975) Professor Emeritus. Sociology.

**Alice Whitaker** (1973) Instructor in Business. B.J., University of Missouri-Columbia.

**Sister Betty Curtis White** (1973) Instructor in Religious Studies. M.A., University of Notre Dame.

**Reverend Thomas Wiederholt** (1974) Instructor in Religious Studies. B.A., Conception Seminary; S.T.B., Catholic University of America; M.A., Conception Seminary.

**Lena Wikramaratne** (1968) Visiting Professor of Pre-School Education. Certificate, Teachers College, Ceylon; A.M.I. Montessori Diploma.

**Richard Wilson** (1976) Instructor in Business. B.A., Columbia University; J.D., St. John's University; LL.M., New York University.

**Virginia Wolfe** (1975) Instructor in Psychology. B.A., M.A., University of Missouri-Kansas City.

**Jerry Wyckoff** (1974) Instructor in Education. B.A., M.A., University of Kansas.

**Carol Zastoupil** (1976) Instructor in Art. B.A.E., M.F.A., University of Kansas.

**Keith Zeff** (1975) Instructor in Political Science. B.S., Washington University; B.A., University of Kansas; M.A., University of Missouri-Kansas City.

## **FACULTY IN MEDICAL TECHNOLOGY**

### **St. Joseph Hospital**

**Pierre Keitges** (1976) M.D., Creighton University.

### **St. Luke's Hospital**

**Richard T. O'Kell** (1972). M.D., University of Tennessee.

**Arla Baird** (1972) MT (ASCP). B.S. in Medical Technology, Briarcliff College, Sioux City, Iowa.

## **FACULTY IN RADIOLOGIC TECHNOLOGY**

**Dennis Dennihan** (1976) B.S.R.T., University of Missouri.



## **STANDING COMMITTEES**

The president and academic dean are ex officio members of all college committees.

### **Committee on Academic Affairs**

academic dean, chairmen of departments, and two students

### **Committee on Library**

librarian, assistant librarians, a faculty representative from each department, and two students

### **Committee on Teacher Education**

chairman of the department of education and psychology, three faculty members, and two students

### **Committee on Admissions and Scholarships**

academic dean, registrar, director of admissions and financial aids, five faculty members, and two students

### **Committee on Financial Aid**

financial aid administrator, business manager, director of admissions and financial aids, financial aid coordinator/business office, one faculty member, and two students

Colleges conducted by the Sisters of St. Joseph of Carondelet

### **Avila College**

Kansas City, Missouri

### **Fontbonne College**

St. Louis, Missouri

### **Mount St. Mary's College**

Los Angeles, California

### **The College of St. Catherine**

St. Paul, Minnesota

### **The College of Saint Rose**

Albany, New York

### **St. Mary's Junior College**

Minneapolis, Minnesota



# INDEX

Academic information .....	29
Academic regulations .....	35
Accreditation .....	3
Administration of Justice .....	40
Administrative Officers .....	87
Administrative Staff .....	87
Admissions requirements .....	15
Advanced placement .....	17
Alumni Association .....	9
Application procedure .....	15
Art .....	40
Athletic Program .....	9
Attendance .....	36
Avila's uniqueness .....	6
Awards .....	9
Bachelor of arts degree .....	29
Bachelor of fine arts degree .....	30
Bachelor of science in medical technology degree .....	30
Bachelor of science in nursing degree .....	31
Bachelor of science in radiologic technology degree .....	32
Bachelor of social work degree .....	32
Biology .....	42
Board of counselors .....	88
Board of trustees .....	87
Buildings .....	10
Business .....	45
Calendar, 1976-77 .....	5
Campus ministry .....	7
Career development and placement .....	7
Change of program .....	36
Chemistry .....	49
Classification of students .....	36
College entrance examinations .....	15
Committees, standing .....	94
Continuing Education .....	18
Cooperative programs .....	19
Course descriptions .....	39
Credit by examination .....	17
Credit cards .....	21
Credit hours .....	35
Credits, high school .....	15
Dance .....	51
Dean's list .....	36
Deferred payment plan .....	21
Degree requirements .....	29
Degrees .....	29
Departments .....	39
Dismissal .....	37
Earth science .....	52
Economics .....	52
Education .....	54
Elementary education .....	54
Employment, work-study .....	25
English .....	57



Examinations .....	17
Expenses .....	19
Experiential learning .....	18
Faculty .....	89
Fees .....	20
Financial assistance .....	22
Foreign students .....	16
Foreign study .....	19
French .....	59
Grade points .....	35
Grading system .....	35
Graduation honors .....	36
Graduation requirements .....	29
Grants, educational opportunity .....	24
Grants, tuition .....	24
History .....	61
Home economics .....	62
Honor societies .....	9
Honors .....	36
International business and communication .....	62
International studies .....	62
Kansas City opportunities .....	13
Lecture series .....	13
Loans .....	24
Majors .....	39
Mathematics .....	63
Medical technology .....	64

Memberships .....	3
Military personnel and veterans .....	16
Minors .....	39
Montessori .....	54
Music .....	65
Natural science .....	42
Non-credit program .....	19
Nursing .....	67
Nursing loans and scholarships .....	25
Payment of accounts .....	21
Philosophy .....	69
Philosophy of the college .....	6
Physical education .....	70
Physics .....	70
Piano, organ, voice .....	65
Political science .....	70
Pre-freshman admission .....	17
Pre-medical .....	72
Pre-school education .....	54
Presenting Avila College .....	6
Probation .....	37
Psychology .....	72
Radiologic technology .....	74
Refund policy .....	22
Registered nurses .....	16
Religious education .....	75
Religious studies .....	75
Room and meals .....	21
Scholarships .....	24
Science education .....	42
Secondary education .....	54
Semester hours .....	29
Social work .....	77
Sociology .....	79
Spanish .....	81
Special education .....	54
Special students .....	16
Speech and theatre .....	82
Student activities .....	8
Student counseling service .....	7
Student health service .....	8
Student housing .....	8
Student load .....	36
Theatre .....	82
Theology .....	75
Transcript of credits .....	36
Transfer students .....	15
Tuition .....	19
Tuition adjustment .....	22
Urban college .....	13
Veterans' benefits .....	8
Withdrawal .....	36
Women's studies .....	86

This catalog is not to be construed as a contract. The college reserves the right to change fees, tuition, or other charges; add or delete courses; revise academic programs; or alter regulations and requirements as deemed necessary. Avila College offers both equal education and equal employment opportunities.

#### **NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS**

Avila College admits students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, national and ethnic origin in administration of its educational policies, admission policies, scholarship and loan programs and athletic and other school-administered programs.

#### **Design**

Diana Gantt

#### **Photographs**

Michael Burks, Pat Hayes, John Mutrux,  
Gregory Poelker, Robert Powell





